TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1	0.022106	vacuolar protein sorting 28 (yeast) (VPS28), mRNA /cds=(62,727) /gb=NM_016208 /gi=7705884 /ug=Hs.339697 /len=928	NM_016208	Hs.339697	NP_057292
4	0.040751	tetraspan 3 (TSPAN-3), mRNA /cds=(218,979) /gb=NM_005724 /gi=21264581 /ug=Hs.100090 /len=1842	NM_005724	Hs.100090	NP_005715
14	0.011238	mRNA for KIAA0638 protein, partial cds. /cds=(87,4241) /gb=AB014538 /gi=20521112 /ug=Hs.432813 /len=5449	AB014538	Hs.432813	
15	0.010277	603041572T1 NIH_MGC_116 cDNA clone IMAGE:5163112 3', mRNA sequence /clone=IMAGE:5163112 /clone_end=3' /gb=BI517954 /gi=15342746 /ug=Hs.398211 /len=964	BI517954	Hs.398211	
25	0.002565	sialyltransferase SThM (sthm)	U14550		NP_006447
28	0.031362	602184410T1 NIH_MGC_42 cDNA clone IMAGE:4300347 3', mRNA sequence /clone=IMAGE:4300347 /clone_end=3' /gb=BF569051 /gi=11642431 /ug=Hs.352114 /len=1899	BF569051	Hs.352114	
37	0.002602	thyroid hormone receptor-associated protein, 150 kDa subunit (TRAP150), mRNA /cds=(203,3070) /gb=NM_005119 /gi=4827039 /ug=Hs.108319 /len=3618	NM_005119	Hs.108319	NP_005110
49	0.032636	B cell RAG associated protein (GALNAC4S-6ST), mRNA /cds=(582,2267) /gb=NM_014863 /gi=7662195 /ug=Hs.6079 /len=4712	NM_014863	Hs.6079	NP_056976
95	8.37E-04	Kreisler (mouse) maf-related leucine zipper homolog (KRML) (=MAFB/Kreisler basic region/leucine zipper transcription factor (MAFB)) Length = 3071	NM_005461		NP_005452
98	0.012276	mitochondrion, complete genome	NC_001807		
104	0.002893	proteasome (prosome, macropain) activator subunit 2 (PA28 beta) (PSME2), mRNA /cds=(66,785) /gb=NM_002818 /gi=4506236 /ug=Hs.433810 /len=828	NM_002818	Hs.433810	NP_002809

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
141	1.76E-04	mel transforming oncogene (derived from cell line NK14)- RAB8 (MEL), mRNA /cds=(77,700) /gb=NM_005370 /gi=16933566 /ug=Hs.5947 /len=2048	NM_005370	Hs.5947	NP_005361
158	0.015895	CD36 antigen (collagen type I receptor, thrombospondin receptor) (CD36), mRNA /cds=(133,1551) /gb=NM_000072 /gi=4557418 /ug=Hs.75613 /len=1820	NM_000072	Hs.75613	NP_000063
178	0.003213	zinc finger protein 161 (ZNF161), mRNA /cds=(42,1592) /gb=NM_007146 /gi=6005967 /ug=Hs.223754 /len=2306	NM_007146	Hs.223754	NP_009077
179	0.009388	ubiquitin specific protease 9, X chromosome (fat facets-like Drosophila) (USP9X), transcript variant 1, mRNA /cds=(60,7751) /gb=NM_004652 /gi=11641424 /ug=Hs.77578 /len=8171	NM_004652	Hs.77578	NP_068706
194	0.009388	hypothetical protein FLJ33215 (FLJ33215), mRNA /cds=(118,1626) /gb=NM_148894 /gi=22507398 /ug=Hs.205442 /len=2610	NM_148894	Hs.205442	NP_683692
196	0.004825	integrin-binding sialoprotein (bone sialoprotein, bone sialoprotein II) (IBSP), mRNA /cds=(143,1096) /gb=NM_004967 /gi=13259536 /ug=Hs.49215 /len=1108	NM_004967	Hs.49215	NP_004958
206	0.032636	calmodulin 2 (phosphorylase kinase, delta) (CALM2), mRNA /cds=(69,518) /gb=NM_001743 /gi=20428653 /ug=Hs.425808 /len=1128	NM_001743	Hs.425808	NP_001734
210	0.002337	protein tyrosine phosphatase type IVA, member 1 (PTP4A1), mRNA /cds=(650,1171) /gb=NM_003463 /gi=17986281 /ug=Hs.227777 /len=4394	NM_003463	Hs.227777	NP_003454
221	0.035177	zinc finger protein 271 (ZNF271), mRNA /cds=(710,1981) /gb=NM_006629 /gi=24586660 /ug=Hs.367734 /len=2195	NM_006629	Hs.367734	NP_006620
228	0.002337	KIAA0182 mRNA, complete cds. /cds=(1,3475) /gb=D80004 /gi=1136423 /ug=Hs.75909 /len=7133	D80004	Hs.75909	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
259	0.015895	ornithine decarboxylase antizyme inhibitor (OAZIN), transcript variant 1, mRNA /cds=(721,2067) /gb=NM_015878 /gi=22538416 /ug=Hs.223014 /len=2882	NM_015878	Hs.223014	NP_680479
261	0.017288	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9 (SERPINB9), mRNA /cds=(93,1223) /gb=NM_004155 /gi=19923258 /ug=Hs.104879 /len=4130	NM_004155	Hs.104879	NP_004146
277	0.002096	reticulon 3 (RTN3), mRNA /cds=(125,835) /gb=NM_006054 /gi=5174654 /ug=Hs.252831 /len=2524	NM_006054	Hs.252831	NP_006045
279	0.005324	calcium/calmodulin-dependent serine protein kinase (MAGUK family) (CASK), mRNA /cds=(28,2793) /gb=NM_003688 /gi=4502566 /ug=Hs.151469 /len=3122	NM_003688	Hs.151469	NP_003679
281	0.043799	16.7Kd protein (LOC51142), mRNA /cds=(82,537) /gb=NM_016139 /gi=7705850 /ug=Hs.180859 /len=841	NM_016139	Hs.180859	NP_057223
282	0.001501	protein phosphatase 1, regulatory (inhibitor) subunit 3C (PPP1R3C), mRNA /cds=(58,1011) /gb=NM_005398 /gi=21314622 /ug=Hs.303090 /len=2524	NM_005398	Hs.303090	NP_005389
283	0.006463	syntaxin 7 (STX7), mRNA /cds=(80,865) /gb=NM_003569 /gi=4507294 /ug=Hs.8906 /len=1614	NM_003569	Hs.8906	NP_003560
284	0.014599	translin-associated factor X (TSNAX), mRNA /cds=(159,1031) /gb=NM_005999 /gi=20302159 /ug=Hs.96247 /len=2667	NM_005999	Hs.96247	NP_005990
290	0.030249	Niemann-Pick disease, type C2 (NPC2), mRNA /cds=(116,571) /gb=NM_006432 /gi=20149580 /ug=Hs.433222 /len=929	NM_006432	Hs.433222	NP_006423
302	0.008566	origin recognition complex, subunit 2-like (yeast) (ORC2L), mRNA /cds=(215,1948) /gb=NM_006190 /gi=21359879 /ug=Hs.41694 /len=2815	NM_006190	Hs.41694	NP_006181
311	0.012276	Ankhzn mRNA,	AB011370		NP_033801
319	9.43E-04	angiopoietin-like 1 (ANGPTL1), mRNA /cds=(434,1909) /gb=NM_004673 /gi=16905518 /ug=Hs.241519 /len=2066	NM_004673	Hs.241519	NP_004664

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
320	0.035177	hypothetical protein DKFZp564K142 similar to implantation-associated protein (DKFZp564K142), mRNA /cds=(30,1037) /gb=NM_032121 /gi=14149774 /ug=Hs.323562 /len=2241	NM_032121	Hs.323562	NP_115497
321	0.007107	serologically defined breast cancer antigen 84 (SDBCAG84), mRNA /cds=(28,1179) /gb=NM_015966 /gi=7706277 /ug=Hs.169992 /len=1337	NM_015966	Hs.169992	NP_057050
336	0.03788	mRNA for KIAA0570 protein, partial cds. /cds=(480,10718) /gb=AB011142 /gi=20521084 /ug=Hs.180948 /len=11269	AB011142	Hs.180948	
337	0.00168	yippee protein (CGI-127), mRNA /cds=(126,491) /gb=NM_016061 /gi=7706340 /ug=Hs.184542 /len=2183	NM_016061	Hs.184542	NP_057145
354	0.011238	stromal cell-derived factor 2 (SDF2), mRNA /cds=(40,675) /gb=NM_006923 /gi=14141194 /ug=Hs.118684 /len=1075	NM_006923	Hs.118684	NP_008854
356	0.015895	RAB21, member RAS oncogene family (RAB21), mRNA /cds=(256,933) /gb=NM_014999 /gi=7661921 /ug=Hs.184627 /len=2630	NM_014999	Hs.184627	NP_055814
358	0.003947	hypothetical protein FLJ35613 (FLJ35613), mRNA /cds=(126,2063) /gb=NM_173653 /gi=27734934 /ug=Hs.30022 /len=3568	NM_173653	Hs.30022	NP_775924
359	0.001062	plakophilin 2=X97675 plakophilin 2b (ORF 38%)	NP_004563		
364	0.030249	microphthalmia-associated transcription factor (MITF), mRNA /cds=(121,1380) /gb=NM_000248 /gi=4557754 /ug=Hs.166017 /len=1788	NM_000248	Hs.166017	NP_000239
369	0.002602	mRNA for KIAA1147 protein, partial cds. /cds=(1,570) /gb=AB032973 /gi=6330032 /ug=Hs.233044 /len=6496	AB032973	Hs.233044	
370	0.005325	carboxypeptidase E (CPE), mRNA /cds=(291,1721) /gb=NM_001873 /gi=4503008 /ug=Hs.75360 /len=2443	NM_001873	Hs.75360	NP_001864

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
371	0.02801	ecotropic viral integration site 2A (EVI2A), mRNA /cds=(220,918) /gb=NM_014210 /gi=7657074 /ug=Hs.70499 /len=1563	NM_014210	Hs.70499	NP_055025
390	0.023945	UDP-galactose transporter related (UGTREL1), mRNA /cds=(88,1056) /gb=NM_005827 /gi=5032212 /ug=Hs.154073 /len=1186	NM_005827	Hs.154073	NP_005818
393	0.040751	microsomal epoxide hydrolase (EPHX1) gene, complete cds	AF253417		
395	0.025911	cysteine and histidine-rich domain (CHORD)-containing, zinc binding protein 1 (CHORDC1), mRNA /cds=(85,1083) /gb=NM_012124 /gi=6912303 /ug=Hs.22857 /len=2058	NM_012124	Hs.22857	NP_036256
396	0.010277	hypothetical protein FLJ20445 (FLJ20445), mRNA /cds=(293,1129) /gb=NM_017824 /gi=19923500 /ug=Hs.343748 /len=3896	NM_017824	Hs.343748	NP_060294
400	0.007107	leukemia inhibitory factor receptor (LIFR), mRNA /cds=(154,3447) /gb=NM_002310 /gi=6042197 /ug=Hs.2798 /len=5252	NM_002310	Hs.2798	NP_002301
403	0.001339	cathepsin S (CTSS), mRNA /cds=(134,1129) /gb=NM_004079 /gi=23110961 /ug=Hs.181301 /len=4100	NM_004079	Hs.181301	NP_004070
409	0.020388	S-phase kinase-associated protein 1A (p19A) (SKP1A), transcript variant 1, mRNA /cds=(140,622) /gb=NM_006930 /gi=25777710 /ug=Hs.171626 /len=2172	NM_006930	Hs.171626	NP_733779
417	0.02801	LATS, large tumor suppressor, 2 (Drosophila) (LATS2), mRNA /cds=(375,3641) /gb=NM_014572 /gi=18959199 /ug=Hs.432314 /len=4098	NM_014572	Hs.432314	NP_055387
425	0.030249	myeloid cell nuclear differentiation antigen (MNDA), mRNA /cds=(201,1424) /gb=NM_002432 /gi=4505226 /ug=Hs.153837 /len=1670	NM_002432	Hs.153837	NP_002423
427	0.002893	hypothetical protein FLJ20508 (FLJ20508), mRNA /cds=(191,802) /gb=NM_017850 /gi=8923468 /ug=Hs.272673 /len=2376	NM_017850	Hs.272673	NP_060320

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
428	0.040751	golgi complex associated protein 1, 60kDa (GOCAP1), mRNA /cds=(56,1642) /gb=NM_022735 /gi=15826851 /ug=Hs.6831 /len=3598	NM_022735	Hs.6831	NP_073572
432	0.011238	DKFZp586L081 (from clone DKFZp586L081) /cds=UNKNOWN /gb=AL080234 /gi=5262727 /ug=Hs.8078 /len=2159	AL080234	Hs.8078	
434	0.011238	phosphoglycerate kinase 1 (PGK1), mRNA /cds=(70,1323) /gb=NM_000291 /gi=22095338 /ug=Hs.78771 /len=2338	NM_000291	Hs.78771	NP_000282
437	0.015895	TCAAP1D11790 Pediatric acute myelogenous leukemia cell (FAB M1) Baylor-HGSC project=TCAA cDNA clone TCAAP1179, mRNA sequence /clone=TCAAP1179 /gb=BM144590 /gi=17161827 /ug=Hs.425539 /len=178	BM144590	Hs.425539	
452	0.047031	aldehyde dehydrogenase 2 family (mitochondrial) (ALDH2), nuclear gene encoding mitochondrial protein, mRNA /cds=(442,1995) /gb=NM_000690 /gi=25777731 /ug=Hs.195432 /len=2445	NM_000690	Hs.195432	NP_000681
466	0.001878	activity-dependent neuroprotector (ADNP), mRNA /cds=(346,3654) /gb=NM_015339 /gi=12229216 /ug=Hs.3657 /len=4713	NM_015339	Hs.3657	NP_056154
478	0.047031	glyceraldehyde-3-phosphate dehydrogenase (GAPD), mRNA /cds=(76,1083) /gb=NM_002046 /gi=7669491 /ug=Hs.169476 /len=1283	NM_002046	Hs.169476	NP_002037
479	0.023117	SNF-1 related kinase (SNRK), mRNA /cds=(642,2939) /gb=NM_017719 /gi=21361642 /ug=Hs.79025 /len=5519	NM_017719	Hs.79025	NP_060189
484	0.005991	troponin T1, skeletal, slow (TNNT1), mRNA /cds=(149,904) /gb=NM_003283 /gi=21359857 /ug=Hs.73980 /len=1018	NM_003283	Hs.73980	NP_003274
485	6.56E-04	GNAS complex locus (GNAS), transcript variant 3, mRNA /cds=(1,2730) /gb=NM_080425 /gi=18426897 /ug=Hs.374523 /len=3091	NM_080425	Hs.374523	NP_536351

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
487	3.19E-04	proteasome (prosome, macropain) 26S subunit, non-ATPase, 4 (PSMD4), transcript variant 2, mRNA /cds=(63,869) /gb=NM_153822 /gi=25121957 /ug=Hs.148495 /len=1508	NM_153822	Hs.148495	NP_722544
489	0.013076	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide (YWHAE), mRNA /cds=(80,847) /gb=NM_006761 /gi=21328449 /ug=Hs.79474 /len=1776	NM_006761	Hs.79474	NP_006752
499	0.030075	troponin C2, fast (TNNC2), mRNA /cds=(65,547) /gb=NM_003279 /gi=4507616 /ug=Hs.182421 /len=677	NM_003279	Hs.182421	NP_003270
510	0.006665	uroporphyrinogen decarboxylase (UROD), mRNA /cds=(19,1122) /gb=NM_000374 /gi=9845521 /ug=Hs.78601 /len=1296	NM_000374	Hs.78601	NP_000365
513	0.004339	phosphohistidine phosphatase (PHP14), mRNA /cds=(334,711) /gb=NM_014172 /gi=24475860 /ug=Hs.297214 /len=903	NM_014172	Hs.297214	NP_054891
517	6.36E-04	galactokinase 1 (GALK1), mRNA /cds=(64,1242) /gb=NM_000154 /gi=4503894 /ug=Hs.92357 /len=1361	NM_000154	Hs.92357	NP_000145
519	0.012792	splicing factor (45kD) (SPF45), mRNA /cds=(148,1353) /gb=NM_032905 /gi=14249677 /ug=Hs.107001 /len=1566	NM_032905	Hs.107001	NP_116294
526	0.026485	GDP dissociation inhibitor 1 (GDI1), mRNA /cds=(81,1424) /gb=NM_001493 /gi=4503970 /ug=Hs.74576 /len=2225	NM_001493	Hs.74576	NP_001484
532	2.32E-04	ferritin, light polypeptide (FTL), mRNA /cds=(189,716) /gb=NM_000146 /gi=20149497 /ug=Hs.430150 /len=878	NM_000146	Hs.430150	NP_000137
533	0.003563	hemoglobin, gamma G (HBG2), mRNA /cds=(54,497) /gb=NM_000184 /gi=28302132 /ug=Hs.386655 /len=583	NM_000184	Hs.386655	NP_000175
534	0.038043	eukaryotic translation initiation factor 3, subunit 9 eta, 116kDa (EIF3S9), mRNA /cds=(54,2675) /gb=NM_003751 /gi=4503526 /ug=Hs.57783 /len=2995	NM_003751	Hs.57783	NP_003742

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
554	0.033876	ribosomal protein L29 (RPL29), mRNA /cds=(95,574) /gb=NM_000992 /gi=17105395 /ug=Hs.430207 /len=737	NM_000992	Hs.430207	NP_000983
563	0.004349	activating transcription factor 4 (tax-responsive enhancer element B67) (ATF4), mRNA /cds=(882,1937) /gb=NM_001675 /gi=4502264 /ug=Hs.181243 /len=2015	NM_001675	Hs.181243	NP_001666
565	0.040751	topoisomerase (DNA) III alpha (TOP3A), mRNA /cds=(230,3235) /gb=NM_004618 /gi=20143947 /ug=Hs.91175 /len=3807	NM_004618	Hs.91175	NP_004609
566	0.016299	jun D proto-oncogene (JUND)	NM_005354		
567	0.005898	coactosin-like 1 (Dictyostelium) (COTL1), mRNA /cds=(150,578) /gb=NM_021149 /gi=23510452 /ug=Hs.289092 /len=1850	NM_021149	Hs.289092	NP_066972
570	0.00168	cycA gene for cyclin A	X68303		
573	0.00168	ancient ubiquitous protein 1 (AUP1), mRNA /cds=(69,1499) /gb=NM_012103 /gi=6912259 /ug=Hs.173736 /len=1664	NM_012103	Hs.173736	NP_036235
574	0.002297	mRNA for KIAA1274 protein, partial cds. /cds=(265,2850) /gb=AB033100 /gi=20521819 /ug=Hs.300646 /len=4569	AB033100	Hs.300646	
595	0.02236	NS1-associated protein 1 (NSAP1), mRNA /cds=(526,2397) /gb=NM_006372 /gi=23397426 /ug=Hs.373499 /len=2932	NM_006372	Hs.373499	NP_006363
596	0.001549	tubulin, alpha 3 (TUBA3), mRNA /cds=(100,1455) /gb=NM_006009 /gi=17986282 /ug=Hs.433394 /len=1677	NM_006009	Hs.433394	NP_006000
600	0.007171	fascin 1, actin-bundling protein (Strongylocentrotus purpuratus) (FSCN1), mRNA /cds=(112,1593) /gb=NM_003088 /gi=4507114 /ug=Hs.118400 /len=2767	NM_003088	Hs.118400	NP_003079
602	0.029005	helicase with zinc finger domain (HELZ), mRNA /cds=(146,5974) /gb=NM_014877 /gi=7661883 /ug=Hs.3085 /len=6274	NM_014877	Hs.3085	NP_055692
613	0.018784	PEF protein with a long N-terminal hydrophobic domain (peflin) (PEF), mRNA /cds=(13,867) /gb=NM_012392 /gi=6912581 /ug=Hs.241531 /len=1641	NM_012392	Hs.241531	NP_036524

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
625	0.020388	fragile X mental retardation 1 (FMR1), mRNA /cds=(220,2118) /gb=NM_002024 /gi=4503764 /ug=Hs.89764 /len=4362	NM_002024	Hs.89764	NP_002015
629	0.014599	nuclear cap binding protein subunit 1, 80kDa (NCBP1), mRNA /cds=(31,2403) /gb=NM_002486 /gi=4505342 /ug=Hs.89563 /len=2828	NM_002486	Hs.89563	NP_002477
633	0.040751	A kinase (PRKA) anchor protein 13 (AKAP13), transcript variant 2, mRNA /cds=(214,8655) /gb=NM_007200 /gi=21493028 /ug=Hs.301946 /len=10156	NM_007200	Hs.301946	NP_658913
635	0.023945	cDNA FLJ37956 fis, clone CTONG2009527. /gb=AK095275 /gi=21754500 /ug=Hs.170141 /len=2753	AK095275	Hs.170141	
636	0.006463	hypothetical protein FLJ14775 (FLJ14775), mRNA /cds=(172,534) /gb=NM_032837 /gi=14249549 /ug=Hs.334878 /len=2697	NM_032837	Hs.334878	NP_116226
640	0.007171	adrenomedullin (ADM), mRNA /cds=(157,714) /gb=NM_001124 /gi=4501944 /ug=Hs.394 /len=1449	NM_001124	Hs.394	NP_001115
641	0.005927	mRNA for KIAA1119 protein, partial cds. /cds=(1,3783) /gb=AB032945 /gi=6329707 /ug=Hs.172506 /len=7438	AB032945	Hs.172506	
642	0.002096	centrin, EF-hand protein, 2 (CETN2), mRNA /cds=(48,566) /gb=NM_004344 /gi=4757901 /ug=Hs.82794 /len=1087	NM_004344	Hs.82794	NP_004335
645	0.013394	hematopoietic-derived zinc fingerprotein (RefSeq aa 1e-48)	NP_004867		
667	0.007107	complement component 3a receptor 1 (C3AR1), mRNA /cds=(93,1541) /gb=NM_004054 /gi=21314629 /ug=Hs.155935 /len=1985	NM_004054	Hs.155935	NP_004045
669	0.036556	putative zinc finger protein NY-REN-34 antigen (NY-REN-34), mRNA /cds=(129,704) /gb=NM_016119 /gi=7705832 /ug=Hs.279799 /len=1323	NM_016119	Hs.279799	NP_057203
672	0.003183	C-terminal binding protein 2 (CTBP2), transcript variant 2, mRNA /cds=(137,3094) /gb=NM_022802 /gi=12746589 /ug=Hs.171391 /len=3780	NM_022802	Hs.171391	NP_073713

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
673	0.049079	fatty-acid-Coenzyme A ligase, long-chain 4 (FACL4), transcript variant 2, mRNA /cds=(507,2642) /gb=NM_022977 /gi=12669908 /ug=Hs.81452 /len=5356	NM_022977	Hs.81452	NP_075266
678	0.030075	clone alpha_est218/52C1 mRNA sequence /gb=AF001542 /gi=2529714 /ug=Hs.356442 /len=2992	AF001542	Hs.356442	
686	0.001878	HTGN29 protein (HTGN29), mRNA /cds=(205,1002) /gb=NM_020199 /gi=9910277 /ug=Hs.283437 /len=2371	NM_020199	Hs.283437	NP_064584
691	0.003213	U5 snRNP-specific protein, 200-KD (U5-200KD), mRNA /cds=(189,5624) /gb=NM_014014 /gi=24307974 /ug=Hs.246112 /len=5898	NM_014014	Hs.246112	NP_054733
696	0.015895	discoidin domain receptor family, member 2 (DDR2), mRNA /cds=(354,2921) /gb=NM_006182 /gi=5453813 /ug=Hs.71891 /len=3096	NM_006182	Hs.71891	NP_006173
709	0.007171	ATP synthase, H transporting, mitochondrial F1 complex, O subunit (oligomycin sensitivity conferring protein) (ATP5O), mRNA /cds=(37,678) /gb=NM_001697 /gi=4502302 /ug=Hs.433960 /len=772	NM_001697	Hs.433960	NP_001688
715	0.013394	galactosamine (N-acetyl)-6-sulfate sulfatase (Morquio syndrome, mucopolysaccharidosis type IVA) (GALNS), mRNA /cds=(56,1624) /gb=NM_000512 /gi=9945384 /ug=Hs.159479 /len=2328	NM_000512	Hs.159479	NP_000503
716	0.022106	chromosome 6 open reading frame 49 (C6orf49), mRNA /cds=(777,1715) /gb=NM_017601 /gi=8922168 /ug=Hs.347297 /len=3316	NM_017601	Hs.347297	NP_060071
718	0.025911	angiomotin (AMOT), mRNA /cds=(797,2824) /gb=NM_133265 /gi=19111149 /ug=Hs.9271 /len=6888	NM_133265	Hs.9271	NP_573572
722	0.035177	glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1) (GOT1), mRNA /cds=(25,1266) /gb=NM_002079 /gi=4504066 /ug=Hs.597 /len=1941	NM_002079	Hs.597	NP_002070

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
726	0.007107	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide (YWHAG), mRNA /cds=(192,935) /gb=NM_012479 /gi=21464100 /ug=Hs.25001 /len=3747	NM_012479	Hs.25001	NP_036611
728	0.013394	netrin 4 (NTN4), mRNA /cds=(452,2338) /gb=NM_021229 /gi=24475651 /ug=Hs.102541 /len=3607	NM_021229	Hs.102541	NP_067052
729	0.02801	sprouty 2 (Drosophila) (SPRY2), mRNA /cds=(382,1329) /gb=NM_005842 /gi=22209007 /ug=Hs.18676 /len=2126	NM_005842	Hs.18676	NP_005833
730	0.020388	PTD016 protein (LOC51136), mRNA /cds=(183,809) /gb=NM_016125 /gi=21361528 /ug=Hs.30154 /len=1917	NM_016125	Hs.30154	NP_057209
731	0.014946	mitochondrial ribosomal protein S21 (MRPS21), transcript variant 2, nuclear gene encoding mitochondrial protein, mRNA /cds=(519,782) /gb=NM_018997 /gi=16950592 /ug=Hs.81281 /len=939	NM_018997	Hs.81281	NP_114107
733	0.004367	squamous cell carcinoma antigen recognised by T cells 3 (SART3), mRNA /cds=(8,2899) /gb=NM_014706 /gi=21327689 /ug=Hs.116875 /len=3776	NM_014706	Hs.116875	NP_055521
751	0.007807	cDNA FLJ38678 fis, clone KIDNE2000227. /gb=AK095997 /gi=21755370 /ug=Hs.378546 /len=2292	AK095997	Hs.378546	
759	0.011238	chemokine (C-X-C motif) receptor 4 (CXCR4), mRNA /cds=(89,1147) /gb=NM_003467 /gi=4503174 /ug=Hs.89414 /len=1679	NM_003467	Hs.89414	NP_003458
761	0.013394	caldesmon 1 (CALD1), transcript variant 1, mRNA /cds=(230,2611) /gb=NM_033138 /gi=15149460 /ug=Hs.325474 /len=3610	NM_033138	Hs.325474	NP_149347
769	3.04E-04	platelet/endothelial cell adhesion molecule (CD31 antigen) (PECAM1), mRNA /cds=(194,2410) /gb=NM_000442 /gi=21314616 /ug=Hs.78146 /len=3189	NM_000442	Hs.78146	NP_000433

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
770	0.008566	of Tom7 (S. cerevisiae) (TOM7), mRNA /cds=(94,261) /gb=NM_019059 /gi=9506858 /ug=Hs.112318 /len=487	NM_019059	Hs.112318	NP_061932
775	0.030249	cofilin isoform 1	AF134802		NP_068733
796	0.001501	poly(rC) binding protein 2 (PCBP2), transcript variant 1, mRNA /cds=(89,1189) /gb=NM_005016 /gi=14141167 /ug=Hs.63525 /len=1362	NM_005016	Hs.63525	NP_114366
797	0.043799	C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 1 (cartilage-derived) (CLECSF1), mRNA /cds=(80,673) /gb=NM_005752 /gi=5031636 /ug=Hs.287364 /len=673	NM_005752	Hs.287364	NP_005743
806	0.040751	ring finger protein 19 (RNF19), mRNA /cds=(318,2834) /gb=NM_015435 /gi=19923421 /ug=Hs.48320 /len=4357	NM_015435	Hs.48320	NP_056250
807	0.020388	KIAA0102 gene product (KIAA0102), mRNA /cds=(308,679) /gb=NM_014752 /gi=7661907 /ug=Hs.77665 /len=1370	NM_014752	Hs.77665	NP_055567
824	0.047031	lipoprotein lipase (LPL), mRNA /cds=(175,1602) /gb=NM_000237 /gi=4557726 /ug=Hs.180878 /len=3549	NM_000237	Hs.180878	NP_000228
829	5.11E-04	zinc finger protein 103 (mouse) (ZFP103), mRNA /cds=(923,2980) /gb=NM_005667 /gi=5031824 /ug=Hs.155968 /len=3423	NM_005667	Hs.155968	NP_005658
830	0.02801	signal transducer and activator of transcription 1, 91kDa (STAT1), transcript variant alpha, mRNA /cds=(352,2604) /gb=NM_007315 /gi=21536299 /ug=Hs.21486 /len=4157	NM_007315	Hs.21486	NP_644671
832	0.014599	heat shock 105kD (HSP105B), mRNA /cds=(314,2758) /gb=NM_006644 /gi=5729878 /ug=Hs.36927 /len=3448	NM_006644	Hs.36927	NP_006635
834	0.004367	tetraspan 3 (TSPAN-3), mRNA /cds=(218,979) /gb=NM_005724 /gi=21264581 /ug=Hs.100090 /len=1842	NM_005724	Hs.100090	NP_005715

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
835	0.010277	likely ortholog of mouse tumor differentially expressed 1, like (TDE1L), mRNA /cds=(76,1437) /gb=NM_020755 /gi=24308212 /ug=Hs.146668 /len=3149	NM_020755	Hs.146668	NP_065806
839	0.03788	KIAA0781	AB018324		
841	0.035177	v-Ki-ras2 Kirsten rat sarcoma 2 viral oncogene (KRAS2), transcript variant a, mRNA /cds=(182,751) /gb=NM_033360 /gi=15718762 /ug=Hs.433714 /len=1486	NM_033360	Hs.433714	NP_203524
843	0.025911	CDC42 effector protein (Rho GTPase binding) 3 (CDC42EP3), mRNA /cds=(969,1733) /gb=NM_006449 /gi=19923355 /ug=Hs.260024 /len=2768	NM_006449	Hs.260024	NP_006440
845	0.007107	tetratricopeptide repeat domain 3 (TTC3), mRNA /cds=(1470,7547) /gb=NM_003316 /gi=21359840 /ug=Hs.118174 /len=9078	NM_003316	Hs.118174	NP_003307
857	0.018784	mitochondrial carrier 1 (MTCH1), nuclear gene encoding mitochondrial protein, mRNA /cds=(1,1119) /gb=NM_014341 /gi=7657344 /ug=Hs.279939 /len=1890	NM_014341	Hs.279939	NP_055156
858	0.025911	calpastatin (CAST), transcript variant 2, mRNA /cds=(155,2215) /gb=NM_173060 /gi=27765084 /ug=Hs.359682 /len=4296	NM_173060	Hs.359682	NP_775085
863	0.015895	heterogeneous nuclear ribonucleoprotein M (HNRPM), transcript variant 1, mRNA /cds=(231,2423) /gb=NM_005968 /gi=14141151 /ug=Hs.79024 /len=2703	NM_005968	Hs.79024	NP_112480
865	0.035177	mitochondrion, complete genome	NC_001807		
869	0.023945	receptor associated protein 80 (RAP80), mRNA /cds=(110,2269) /gb=NM_016290 /gi=21361592 /ug=Hs.7889 /len=2516	NM_016290	Hs.7889	NP_057374
871	0.030249	phosphodiesterase 4D interacting protein (myomegalin) (PDE4DIP), mRNA /cds=(658,4056) /gb=NM_014644 /gi=11036643 /ug=Hs.265848 /len=5676	NM_014644	Hs.265848	NP_055459
873	0.015895	dynactin 4 (p62) (DCTN4), mRNA /cds=(22,1404) /gb=NM_016221 /gi=19923450 /ug=Hs.328865 /len=3837	NM_016221	Hs.328865	NP_057305

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene-Accession No.**	**Protein Accession No.**
874	0.032636	proline rich 2 (PROL2), mRNA /cds=(114,1097) /gb=NM_006813 /gi=5802981 /ug=Hs.75969 /len=2061	NM_006813	Hs.75969	NP_006804
879	0.017288	laminin, beta 1 (LAMB1), mRNA /cds=(336,5696) /gb=NM_002291 /gi=4504950 /ug=Hs.82124 /len=5831	NM_002291	Hs.82124	NP_002282
880	0.012276	mRNA; cDNA DKFZp667D087 (from clone DKFZp667D087) /gb=AL833217 /gi=21733848 /ug=Hs.348420 /len=3440	AL833217	Hs.348420	
884	0.025911	603031929T1 NIH_MGC_115 cDNA clone IMAGE:5173326 3', mRNA sequence /clone=IMAGE:5173326 /clone_end=3' /gb=BI490626 /gi=15329854 /ug=Hs.347727 /len=1255	BI490626	Hs.347727	
887	0.025911	polyadenylate binding protein-interacting protein 1 (PAIP1), mRNA /cds=(188,1627) /gb=NM_006451 /gi=17511254 /ug=Hs.109643 /len=2764	NM_006451	Hs.109643	NP_006442
889	0.025911	ribosomal protein L5 (RPL5), mRNA /cds=(63,956) /gb=NM_000969 /gi=14591908 /ug=Hs.180946 /len=1033	NM_000969	Hs.180946	NP_000960
890	0.03788	tropomyosin 1 (alpha) (TPM1), mRNA /cds=(151,1005) /gb=NM_000366 /gi=27597084 /ug=Hs.77899 /len=1265	NM_000366	Hs.77899	NP_000357
891	8.58E-05	ubiquitin-conjugating enzyme E2E 3 (UBC4/5 yeast) (UBE2E3), mRNA /cds=(120,743) /gb=NM_006357 /gi=5454145 /ug=Hs.4890 /len=1294	NM_006357	Hs.4890	NP_006348
892	0.002096	transmembrane 4 superfamily member 6 (TM4SF6), mRNA /cds=(104,841) /gb=NM_003270 /gi=21265115 /ug=Hs.121068 /len=2069	NM_003270	Hs.121068	NP_003261
894	0.001878	splicing factor, arginine/serine-rich 11 (SFRS11), mRNA /cds=(125,1579) /gb=NM_004768 /gi=23111060 /ug=Hs.433581 /len=2775	NM_004768	Hs.433581	NP_004759
896	0.006463	hypothetical protein FLJ32949 (FLJ32949), mRNA /cds=(1,2277) /gb=NM_173812 /gi=27883873 /ug=Hs.125472 /len=2277	NM_173812	Hs.125472	NP_776173

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
899	0.017288	chromosome 21 open reading frame 59 (C21orf59), mRNA /cds=(361,777) /gb=NM_017835 /gi=8923436 /ug=Hs.5811 /len=1245	NM_017835	Hs.5811	NP_067077
900	0.032636	RAB11A, member RAS oncogene family (RAB11A), mRNA /cds=(104,754) /gb=NM_004663 /gi=20149549 /ug=Hs.75618 /len=2474	NM_004663	Hs.75618	NP_004654
901	1.53E-04	signal transducing adaptor molecule (SH3 domain and ITAM motif) 2 (STAM2), mRNA /cds=(351,1928) /gb=NM_005843 /gi=21265030 /ug=Hs.17200 /len=3928	NM_005843	Hs.17200	NP_005834
902	0.002602	H2A histone family, member Z (H2AFZ), mRNA /cds=(107,493) /gb=NM_002106 /gi=20336749 /ug=Hs.119192 /len=873	NM_002106	Hs.119192	NP_002097
903	0.007107	S100 calcium binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11)) (S100A10), mRNA /cds=(112,405) /gb=NM_002966 /gi=4506760 /ug=Hs.400250 /len=649	NM_002966	Hs.400250	NP_002957
904	0.015895	tumor susceptibility gene 101 (TSG101), mRNA /cds=(127,1299) /gb=NM_006292 /gi=18765712 /ug=Hs.118910 /len=1550	NM_006292	Hs.118910	NP_006283
905	0.003563	KIAA0107 gene product (P44S10), mRNA /cds=(26,1195) /gb=NM_014814 /gi=7661913 /ug=Hs.23488 /len=1308	NM_014814	Hs.23488	NP_055629
906	0.02801	transaldolase 1 (TALDO1), mRNA /cds=(51,1064) /gb=NM_006755 /gi=5803186 /ug=Hs.77290 /len=1319	NM_006755	Hs.77290	NP_006746
919	0.011238	putative protein tyrosine phosphatase (PTEN) mRNA, complete cds /cds=(1,1212) /gb=U93051 /gi=1916351 /ug=Hs.356062 /len=1212	U93051	Hs.356062	NP_000305
936	0.018784	membrane-bound transcription factor protease, site 2 (MBTPS2), mRNA /cds=(100,1659) /gb=NM_015884 /gi=7706692 /ug=Hs.350970 /len=1759	NM_015884	Hs.350970	NP_056968
951	0.015895	CDC-like kinase1 (CLK1), mRNA /cds=(156,1610) /gb=NM_004071 /gi=4758007 /ug=Hs.2083 /len=1834	NM_004071	Hs.2083	NP_004062

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
953	0.001501	mRNA for KIAA0592 protein, partial cds. /cds=(1,4062) /gb=AB011164 /gi=3043707 /ug=Hs.439367 /len=4623	AB011164	Hs.439367	
958	0.014599	cathepsin B (CTSB), transcript variant 2, mRNA /cds=(314,1333) /gb=NM_147780 /gi=22538430 /ug=Hs.297939 /len=2140	NM_147780	Hs.297939	NP_680093
961	0.035177	SON DNA binding protein (SON), transcript variant e, mRNA /cds=(50,6376) /gb=NM_058183 /gi=21040317 /ug=Hs.92909 /len=8482	NM_058183	Hs.92909	NP_620305
965	0.015895	testis enhanced gene transcript (TEGT), mRNA /cds=(41,754) /gb=NM_003217 /gi=4507432 /ug=Hs.74637 /len=2600	NM_003217	Hs.74637	NP_003208
966	0.02801	CGI-81 protein (DREV1), mRNA /cds=(249,1100) /gb=NM_016025 /gi=19923448 /ug=Hs.279583 /len=3163	NM_016025	Hs.279583	NP_057109
967	0.015895	hepatoma-derived growth factor (high-mobility group protein 1-like) (HDGF), mRNA /cds=(316,1038) /gb=NM_004494 /gi=4758515 /ug=Hs.89525 /len=2376	NM_004494	Hs.89525	NP_004485
969	0.022106	cisplatin resistance-associated overexpressed protein (LUC7A), mRNA /cds=(154,1452) /gb=NM_016424 /gi=19923484 /ug=Hs.3688 /len=3451	NM_016424	Hs.3688	NP_057508
971	0.047031	mitochondrion, complete genome	NC_001807		
975	0.006463	aldo-keto reductase family 1, member A1 (aldehyde reductase) (AKR1A1), transcript variant 1, mRNA /cds=(465,1442) /gb=NM_006066 /gi=24497575 /ug=Hs.432896 /len=1556	NM_006066	Hs.432896	NP_697021
977	0.012276	pyruvate dehydrogenase (lipoamide) beta (PDHB), mRNA /cds=(19,1098) /gb=NM_000925 /gi=4505686 /ug=Hs.979 /len=1501	NM_000925	Hs.979	NP_000916
978	0.025911	cyclin D binding myb-like transcription factor 1 (DMTF1), mRNA /cds=(276,2558) /gb=NM_021145 /gi=10863946 /ug=Hs.5671 /len=3767	NM_021145	Hs.5671	NP_066968

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
981	0.030249	wingless-type MMTV integration site family, member 5A (WNT5A), mRNA /cds=(758,1855) /gb=NM_003392 /gi=17402917 /ug=Hs.152213 /len=4428	NM_003392	Hs.152213	NP_003383
983	0.020388	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide (RIG-I), mRNA /cds=(159,2936) /gb=NM_014314 /gi=27881481 /ug=Hs.145612 /len=4372	NM_014314	Hs.145612	NP_055129
992	0.020388	chemokine (C-X-C motif) ligand 3 (CXCL3), mRNA /cds=(78,398) /gb=NM_002090 /gi=4504156 /ug=Hs.89690 /len=1064	NM_002090	Hs.89690	NP_002081
993	0.012276	CREB binding protein (Rubinstein-Taybi syndrome) (CREBBP), mRNA /cds=(199,7527) /gb=NM_004380 /gi=4758055 /ug=Hs.23598 /len=8694	NM_004380	Hs.23598	NP_004371
1000	0.043799	bradykinin receptor B2 (BDKRB2), mRNA /cds=(142,1317) /gb=NM_000623 /gi=17352499 /ug=Hs.250882 /len=4267	NM_000623	Hs.250882	NP_000614
1001	0.017288	RAD23 B (S. cerevisiae) (RAD23B), mRNA /cds=(352,1581) /gb=NM_002874 /gi=19924138 /ug=Hs.404283 /len=2943	NM_002874	Hs.404283	NP_002865
1002	0.002893	NP220 nuclear protein (NP220), mRNA /cds=(315,6251) /gb=NM_014497 /gi=21626467 /ug=Hs.169984 /len=6570	NM_014497	Hs.169984	NP_055312
1003	0.002602	ribosomal protein S25 (RPS25), mRNA /cds=(64,441) /gb=NM_001028 /gi=14591916 /ug=Hs.409158 /len=514	NM_001028	Hs.409158	NP_001019
1004	0.001193	fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor receptor, craniofacial dysostosis 1, Crouzon syndrome, Pfeiffer syndrome, Jackson-Weiss syndrome) (FGFR2), transcript variant 10, mRNA /cds=(594,2960) /gb=NM_023028 /gi=13186268 /ug=Hs.278581 /len=4667	NM_023028	Hs.278581	NP_075420
1011	0.032636	v-raf-1 murine leukemia viral oncogene 1 (RAF1), mRNA /cds=(130,2076) /gb=NM_002880 /gi=4506400 /ug=Hs.349650 /len=2977	NM_002880	Hs.349650	NP_002871

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1015	0.006463	actinin, alpha 1 (ACTN1), mRNA /cds=(184,2862) /gb=NM_001102 /gi=12025669 /ug=Hs.119000 /len=3398	NM_001102	Hs.119000	NP_001093
1024	0.009388	5T4 oncofetal trophoblast glycoprotein (5T4), mRNA /cds=(85,1347) /gb=NM_006670 /gi=5729717 /ug=Hs.82128 /len=2053	NM_006670	Hs.82128	NP_006661
1030	0.007807	px19-like protein (PX19), mRNA /cds=(177,836) /gb=NM_013237 /gi=7019508 /ug=Hs.279529 /len=1217	NM_013237	Hs.279529	NP_037369
1031	0.03788	decorin (DCN), transcript variant A1, mRNA /cds=(200,1279) /gb=NM_001920 /gi=19743844 /ug=Hs.433989 /len=1751	NM_001920	Hs.433989	NP_598014
1035	0.025911	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa (NDUFA2), mRNA /cds=(57,356) /gb=NM_002488 /gi=4505354 /ug=Hs.163867 /len=590	NM_002488	Hs.163867	NP_002479
1043	0.022106	mRNA for KIAA1376 protein, partial cds. /cds=(144,1457) /gb=AB037797 /gi=7243132 /ug=Hs.24684 /len=4131	AB037797	Hs.24684	
1054	0.025911	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5, 13kDa (NDUFA5), nuclear gene encoding mitochondrial protein, mRNA /cds=(110,460) /gb=NM_005000 /gi=13699821 /ug=Hs.83916 /len=1550	NM_005000	Hs.83916	NP_004991
1057	0.035177	mRNA for KIAA1609 protein, partial cds. /cds=(1,1423) /gb=AB046829 /gi=15425661 /ug=Hs.14449 /len=4683	AB046829	Hs.14449	
1059	0.035177	clone IMAGE:4993796, mRNA /gb=BC040073 /gi=25455647 /ug=Hs.322437 /len=2265	BC040073	Hs.322437	
1061	9.43E-04	synaptosomal-associated protein, 25kDa (SNAP25), transcript variant 1, mRNA /cds=(213,833) /gb=NM_003081 /gi=18765732 /ug=Hs.84389 /len=2053	NM_003081	Hs.84389	NP_570824
1064	0.001459	mitochondria solute carrier protein (MSCP)	AY032628		NP_061049
1081	0.01167	glutaredoxin (thioltransferase) (GLRX), mRNA /cds=(16,336) /gb=NM_002064 /gi=4504024 /ug=Hs.28988 /len=1328	NM_002064	Hs.28988	NP_002055

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1090	0.014599	protein phosphatase methylesterase-1 (PME-1), mRNA /cds=(100,1260) /gb=NM_016147 /gi=7706644 /ug=Hs.63304 /len=2484	NM_016147	Hs.63304	NP_057231
1093	0.025911	hypothetical gene AK023725 (LOC92923)	XM_048072		
1111	0.020388	hypothetical protein (HSPC016), mRNA /cds=(39,233) /gb=NM_015933 /gi=7705430 /ug=Hs.397853 /len=384	NM_015933	Hs.397853	NP_057017
1113	0.043799	nischarin (NISCH), mRNA /cds=(27,4541) /gb=NM_007184 /gi=6005787 /ug=Hs.26285 /len=5132	NM_007184	Hs.26285	NP_009115
1115	0.043799	H3 histone, family 3A (H3F3A), mRNA /cds=(116,526) /gb=NM_002107 /gi=22027640 /ug=Hs.181307 /len=1047	NM_002107	Hs.181307	NP_002098
1119	0.005325	pp9974 mRNA, complete cds /cds=(2009,2350) /gb=AF318382 /gi=18027855 /ug=Hs.251664 /len=2630	AF318382	Hs.251664	
1131	0.013394	actinin, alpha 1 (ACTN1), mRNA /cds=(184,2862) /gb=NM_001102 /gi=12025669 /ug=Hs.119000 /len=3398	NM_001102	Hs.119000	NP_001093
1148	0.025911	CHLORIDE INTRACELLULAR CHANNEL PROTEIN 1 (NUCLEAR CHLORIDE ION CHANNEL 27) (NCC27) (P64 CLCP) (aa 2e-14 92%)	Q9Z1Q5		
1163	0.007807	reticulon 4 (RTN4), mRNA /cds=(245,3823) /gb=NM_020532 /gi=24638438 /ug=Hs.65450 /len=4166	NM_020532	Hs.65450	NP_722550
1177	0.025911	cDNA FLJ11739 fis, clone HEMBA1005497. /gb=AK021801 /gi=10433061 /ug=Hs.301626 /len=2366	AK021801	Hs.301626	
1187	0.02801	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 (SERPINA1), mRNA /cds=(233,1489) /gb=NM_000295 /gi=21361197 /ug=Hs.297681 /len=1584	NM_000295	Hs.297681	NP_000286
1200	0.006463	hypothetical gene supported by XM_000590 (LOC59176)	XM_000590		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1207	0.021	PTPRF interacting protein, binding protein 1 (liprin beta 1) (PPFIBP1), mRNA /cds=(241,3258) /gb=NM_003622 /gi=4505986 /ug=Hs.133207 /len=4028	NM_003622	Hs.133207	NP_803193
1210	0.007807	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase) (NDUFS1), mRNA /cds=(85,2268) /gb=NM_005006 /gi=28269700 /ug=Hs.8248 /len=2382	NM_005006	Hs.8248	NP_004997
1212	0.03788	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein) (ST13), mRNA /cds=(144,1253) /gb=NM_003932 /gi=21237722 /ug=Hs.119222 /len=3214	NM_003932	Hs.119222	NP_003923
1222	0.047031	zinc finger protein 9 (a cellular retroviral nucleic acid binding protein) (ZNF9), mRNA /cds=(103,636) /gb=NM_003418 /gi=4827070 /ug=Hs.2110 /len=1500	NM_003418	Hs.2110	NP_003409
1236	0.035177	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase) (MMP9), mRNA /cds=(20,2143) /gb=NM_004994 /gi=4826835 /ug=Hs.151738 /len=2334	NM_004994	Hs.151738	NP_004985
1244	0.011447	KIAA0625 protein (KIAA0625), mRNA /cds=(267,2753) /gb=NM_015046 /gi=7662211 /ug=Hs.154919 /len=3097	NM_015046	Hs.154919	NP_055861
1246	0.033876	mRNA; cDNA DKFZp686B2110 (from clone DKFZp686B2110) /gb=AL832120 /gi=21732663 /ug=Hs.432506 /len=4383	AL832120	Hs.432506	
1254	0.005325	DKFZp586I0923 (from clone DKFZp586I0923)	AL050218		
1260	0.040751	F-box only protein 2 (FBXO2), mRNA /cds=(343,1233) /gb=NM_012168 /gi=15812197 /ug=Hs.132753 /len=1551	NM_012168	Hs.132753	NP_036300
1261	0.002565	cDNA FLJ11971 fis, clone HEMBB1001208. /gb=AK022033 /gi=10433350 /ug=Hs.121806 /len=2355	AK022033	Hs.121806	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1275	0.002337	gp25L2 protein (HSGP25L2G), mRNA /cds=(76,720) /gb=NM_017510 /gi=24475637 /ug=Hs.279929 /len=1420	NM_017510	Hs.279929	NP_059980
1327	0.035177	peptide transporter 3 (PHT2), mRNA /cds=(235,1980) /gb=NM_016582 /gi=7706116 /ug=Hs.237856 /len=2113	NM_016582	Hs.237856	NP_057666
1328	0.003563	mRNA for KIAA0841 protein, partial cds. /cds=(1,1926) /gb=AB020648 /gi=4240170 /ug=Hs.7426 /len=4283	AB020648	Hs.7426	
1345	0.001193	WW domain binding protein 1 (WBP1), mRNA /cds=(154,963) /gb=NM_012477 /gi=24430130 /ug=Hs.7709 /len=1183	NM_012477	Hs.7709	NP_036609
1348	0.002297	col4A1 gene, 3'	X92395		
1360	0.025911	chromosome 15 open reading frame 15 (C15orf15), mRNA /cds=(144,635) /gb=NM_016304 /gi=18491027 /ug=Hs.284162 /len=1487	NM_016304	Hs.284162	NP_057388
1376	0.013394	chaperonin containing TCP1, subunit 5 (epsilon) (CCT5), mRNA /cds=(92,1717) /gb=NM_012073 /gi=24307938 /ug=Hs.1600 /len=1961	NM_012073	Hs.1600	NP_036205
1401	0.00587	prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy) (PSAP), mRNA /cds=(39,1613) /gb=NM_002778 /gi=11386146 /ug=Hs.406455 /len=2767	NM_002778	Hs.406455	NP_002769
1406	0.004367	fibrillin 1 (Marfan syndrome) (FBN1), mRNA /cds=(134,8749) /gb=NM_000138 /gi=24430140 /ug=Hs.750 /len=9749	NM_000138	Hs.750	NP_000129
1407	3.95E-04	zinc finger protein 9 (a cellular retroviral nucleic acid binding protein) (ZNF9), mRNA /cds=(103,636) /gb=NM_003418 /gi=4827070 /ug=Hs.2110 /len=1500	NM_003418	Hs.2110	NP_003409
1408	2.32E-04	dihydrolipoamide dehydrogenase (E3 component of pyruvate dehydrogenase complex, 2-oxo-glutarate complex, branched chain keto acid dehydrogenase complex) (DLD), mRNA /cds=(83,1612) /gb=NM_000108 /gi=5016092 /ug=Hs.74635 /len=2320	NM_000108	Hs.74635	NP_000099

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1409	0.014599	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2 (KDELR2), mRNA /cds=(13,651) /gb=NM_006854 /gi=8051609 /ug=Hs.372755 /len=1153	NM_006854	Hs.372755	NP_006845
1410	0.003947	fragile X mental retardation, autosomal 1 (FXR1), mRNA /cds=(13,1878) /gb=NM_005087 /gi=4826735 /ug=Hs.82712 /len=2132	NM_005087	Hs.82712	NP_005078
1413	9.43E-04	vacuolar protein sorting 29 (yeast) (VPS29) transcript variant 2, mRNA /cds=(61,621) /gb=NM_057180 /gi=17402911 /ug=Hs.69192 /len=1107	NM_057180	Hs.69192	NP_476528
1417	0.03788	phosphoglycerate mutase 1 (brain) (PGAM1), mRNA /cds=(32,796) /gb=NM_002629 /gi=4505752 /ug=Hs.181013 /len=1709	NM_002629	Hs.181013	NP_002620
1418	0.030249	voltage-dependent anion channel 2 (VDAC2), mRNA /cds=(63,947) /gb=NM_003375 /gi=4507880 /ug=Hs.78902 /len=1404	NM_003375	Hs.78902	NP_003366
1419	0.030249	CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) (CD74), mRNA /cds=(8,706) /gb=NM_004355 /gi=10835070 /ug=Hs.84298 /len=1304	NM_004355	Hs.84298	NP_004346
1426	0.032636	chemokine (C-C motif) ligand 13 (CCL13), mRNA /cds=(76,372) /gb=NM_005408 /gi=22538799 /ug=Hs.11383 /len=861	NM_005408	Hs.11383	NP_005399
1430	0.001339	synovial sarcoma, X breakpoint 2 interacting protein (SSX2IP), mRNA /cds=(265,2109) /gb=NM_014021 /gi=7662381 /ug=Hs.22587 /len=5835	NM_014021	Hs.22587	NP_054740
1442	6.56E-04	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3 (ALS2CR3), mRNA /cds=(382,3126) /gb=NM_015049 /gi=13027379 /ug=Hs.154248 /len=6470	NM_015049	Hs.154248	NP_055864
1443	0.00168	cDNA FLJ13106 fis, clone NT2RP3002455, highly similar to mRNA for KIAA0678 protein. /gb=AK023168 /gi=10434970 /ug=Hs.12707 /len=3985	AK023168	Hs.12707	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1445	6.35E-05	nuclear receptor coactivator 6 (NCOA6), mRNA /cds=(2755,8760) /gb=NM_014071 /gi=7661975 /ug=Hs.159613 /len=9301	NM_014071	Hs.159613	NP_054790
1449	0.047031	apoptosis related protein APR-3 (APR-3), transcript variant 1, mRNA /cds=(336,851) /gb=NM_016085 /gi=18105011 /ug=Hs.9527 /len=1086	NM_016085	Hs.9527	NP_542159
1453	0.030249	methyl-CpG binding domain protein 2 (MBD2), transcript variant testis-specific, mRNA /cds=(230,1138) /gb=NM_015832 /gi=21464120 /ug=Hs.25674 /len=2792	NM_015832	Hs.25674	NP_056647
1458	0.032636	Williams-Beuren syndrome chromosome region 1 (WBSCR1), transcript variant 1, mRNA /cds=(9,755) /gb=NM_022170 /gi=11559922 /ug=Hs.180900 /len=2546	NM_022170	Hs.180900	NP_114381
1459	0.023945	GABA(A) receptor-associated protein (GABARAP), mRNA /cds=(105,458) /gb=NM_007278 /gi=6005763 /ug=Hs.7719 /len=924	NM_007278	Hs.7719	NP_009209
1461	0.018784	phosphoglycerate kinase 1 (PGK1), mRNA /cds=(70,1323) /gb=NM_000291 /gi=22095338 /ug=Hs.78771 /len=2338	NM_000291	Hs.78771	NP_000282
1465	0.02801	splicing factor 3b, subunit 1, 155kDa (SF3B1), mRNA /cds=(1,3915) /gb=NM_012433 /gi=6912653 /ug=Hs.334826 /len=4259	NM_012433	Hs.334826	NP_036565
1475	2.32E-04	KIAA0193 gene product (KIAA0193), mRNA /cds=(353,1393) /gb=NM_014766 /gi=7661983 /ug=Hs.75137 /len=5076	NM_014766	Hs.75137	NP_055581
1478	0.018784	interferon induced transmembrane protein 1 (9-27) (IFITM1), mRNA /cds=(111,488) /gb=NM_003641 /gi=4504580 /ug=Hs.366 /len=647	NM_003641	Hs.366	
1490	0.047031	ARP3 actin-related protein 3 (yeast) (ACTR3), mRNA /cds=(216,1472) /gb=NM_005721 /gi=7262289 /ug=Hs.380096 /len=2189	NM_005721	Hs.380096	NP_005712
1494	0.032636	basic leucine zipper and W2 domains 2 (BZW2), mRNA /cds=(163,1422) /gb=NM_014038 /gi=7661743 /ug=Hs.5216 /len=1869	NM_014038	Hs.5216	NP_054757

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1498	0.016299	guanine nucleotide binding protein (G protein), gamma 5 (GNG5), mRNA /cds=(334,540) /gb=NM_005274 /gi=4885286 /ug=Hs.424138 /len=698	NM_005274	Hs.424138	NP_005265
1499	0.006463	ectonucleotide pyrophosphatase/phosphodiesterase 1 (ENPP1), mRNA /cds=(173,2794) /gb=NM_006208 /gi=13324676 /ug=Hs.11951 /len=3493	NM_006208	Hs.11951	NP_006199
1502	0.040751	putative dimethyladenosine transferase (HSA9761), mRNA /cds=(79,1020) /gb=NM_014473 /gi=7657197 /ug=Hs.125819 /len=1505	NM_014473	Hs.125819	NP_055288
1506	0.005353	septin 2 (SEP2) mRNA, partial cds /cds=(1,1528) /gb=AF179995 /gi=9957543 /ug=Hs.80712 /len=4344	AF179995	Hs.80712	
1519	0.043799	step II splicing factor SLU7 (SLU7), mRNA /cds=(82,1842) /gb=NM_006425 /gi=27477110 /ug=Hs.356551 /len=2030	NM_006425	Hs.356551	NP_006416
1522	0.043799	G protein-coupled receptor 64 (GPR64), mRNA /cds=(73,3117) /gb=NM_005756 /gi=5031732 /ug=Hs.184942 /len=4665	NM_005756	Hs.184942	NP_005747
1524	0.001339	zinc finger protein 133 (clone pHZ-13) (ZNF133), mRNA /cds=(560,2521) /gb=NM_003434 /gi=27545331 /ug=Hs.78434 /len=2718	NM_003434	Hs.78434	NP_003425
1525	0.011238	hypothetical protein FLJ10706 (FLJ10706), mRNA /cds=(478,2634) /gb=NM_018186 /gi=8922604 /ug=Hs.273193 /len=2732	NM_018186	Hs.273193	NP_060656
1526	0.022106	similar to rat myomegalin (LOC64182), mRNA /cds=(336,1268) /gb=NM_022359 /gi=21314705 /ug=Hs.333512 /len=1717	NM_022359	Hs.333512	NP_071754
1528	0.035177	tubulin, alpha, ubiquitous (K-ALPHA-1), mRNA /cds=(68,1423) /gb=NM_006082 /gi=5174476 /ug=Hs.334842 /len=1596	NM_006082	Hs.334842	NP_006073
1546	0.035177	Maternally expressed 3	AK092707.1	Hs.112844	
1553	0.003563	lymphocyte cytosolic protein 1 (L-plastin) (LCP1), mRNA /cds=(174,2057) /gb=NM_002298 /gi=7382490 /ug=Hs.381099 /len=3723	NM_002298	Hs.381099	NP_002289

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1557	0.00587	MR2-CI0186-291100-010-a06 CI0186 cDNA, mRNA sequence /gb=BF814502 /gi=12147047 /ug=Hs.446594 /len=530	BF814502	Hs.446594	
1558	0.007107	signal-induced proliferation-associated 1 like 1 (KIAA0440), mRNA /cds=(349,5763) /gb=NM_015556 /gi=7662125 /ug=Hs.172180 /len=6028	NM_015556	Hs.172180	NP_056371
1559	0.003947	stromal cell-derived factor receptor 1 (SDFR1), transcript variant beta, mRNA /cds=(139,1335) /gb=NM_012428 /gi=6912645 /ug=Hs.389371 /len=2388	NM_012428	Hs.389371	NP_059429
1565	0.003563	NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa (NDUFV3), mRNA /cds=(575,1945) /gb=NM_021075 /gi=21361323 /ug=Hs.59745 /len=2023	NM_021075	Hs.59745	NP_066553
1567	0.025911	RAD21 (S. pombe) (RAD21), mRNA /cds=(185,2080) /gb=NM_006265 /gi=5453993 /ug=Hs.81848 /len=3647	NM_006265	Hs.81848	NP_006256
1575	0.013394	WW domain-containing adapter with a coiled-coil region (WAC), transcript variant 2, mRNA /cds=(332,2140) /gb=NM_100264 /gi=18379329 /ug=Hs.70333 /len=3088	NM_100264	Hs.70333	NP_567823
1577	0.047031	POM121 membrane glycoprotein (rat) (POM121), mRNA /cds=(978,3932) /gb=NM_172020 /gi=26051277 /ug=Hs.295112 /len=6014	NM_172020	Hs.295112	NP_742017
1613	0.011238	IQ motif containing GTPase activating protein 1 (IQGAP1), mRNA /cds=(468,5441) /gb=NM_003870 /gi=4506786 /ug=Hs.1742 /len=7573	NM_003870	Hs.1742	NP_003861
1614	0.001339	hypothetical protein FLJ10579 (FLJ10579), mRNA /cds=(186,1598) /gb=NM_018145 /gi=8922531 /ug=Hs.8055 /len=2251	NM_018145	Hs.8055	NP_060615
1628	0.03788	amyloid beta (A4) precursor-like protein 2 (APLP2), mRNA /cds=(73,2364) /gb=NM_001642 /gi=4502146 /ug=Hs.279518 /len=3727	NM_001642	Hs.279518	NP_001633
1647	4.50E-04	asporin (LRR class 1) (ASPN), mRNA /cds=(228,1373) /gb=NM_017680 /gi=16596677 /ug=Hs.10760 /len=2466	NM_017680	Hs.10760	NP_060150

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1648	0.018784	mRNA; cDNA DKFZp564E193 (from clone DKFZp564E193) /gb=AL049259 /gi=4500005 /ug=Hs.333141 /len=1691	AL049259	Hs.333141	
1667	0.017288	interleukin 1 receptor, type I (IL1R1), mRNA /cds=(83,1792) /gb=NM_000877 /gi=27894331 /ug=Hs.82112 /len=4909	NM_000877	Hs.82112	NP_000868
1674	0.007107	calreticulin (CALR), mRNA /cds=(69,1322) /gb=NM_004343 /gi=5921996 /ug=Hs.353170 /len=1899	NM_004343	Hs.353170	NP_004334
1684	0.03788	ubiquitin C (UBC), mRNA /cds=(136,2193) /gb=NM_021009 /gi=20149305 /ug=Hs.183704 /len=2309	NM_021009	Hs.183704	NP_066289
1686	0.007807	CDC5 cell division cycle 5-like (S. pombe) (CDC5L), mRNA /cds=(260,2668) /gb=NM_001253 /gi=16357499 /ug=Hs.155174 /len=3012	NM_001253	Hs.155174	NP_001244
1693	0.030249	JTV1 gene (JTV1), mRNA /cds=(114,1076) /gb=NM_006303 /gi=11125769 /ug=Hs.301613 /len=1221	NM_006303	Hs.301613	NP_006294
1705	0.014946	KIAA0824	AB020631		NP_056969
1707	0.040751	tumor antigen SLP-8p (HCC8), mRNA /cds=(21,2921) /gb=NM_016516 /gi=7705396 /ug=Hs.48499 /len=3480	NM_016516	Hs.48499	NP_057600
1708	0.030249	Hypothetical protein(cDNA FLJ13279 fis, clone OVARC1001055, moderately similar to PRE-B CELL ENHANCING FACTOR PRECURSOR)	AK023341		NP_005737
1709	0.006463	KIAA0399	AB007859		NP_055928
1711	0.02801	KIAA0682 gene product (KIAA0682), mRNA /cds=(80,2962) /gb=NM_014852 /gi=7662249 /ug=Hs.7482 /len=4422	NM_014852	Hs.7482	NP_057280
1722	0.014599	S100 calcium binding protein A11 (calgizzarin) (S100A11), mRNA /cds=(121,438) /gb=NM_005620 /gi=5032056 /ug=Hs.417004 /len=595	NM_005620	Hs.417004	NP_005611
1725	0.007807	ATPase, Ca transporting, cardiac muscle, slow twitch 2 (ATP2A2), transcript variant 1, mRNA /cds=(164,3292) /gb=NM_170665 /gi=27886537 /ug=Hs.1526 /len=4205	NM_170665	Hs.1526	NP_733765

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1734	0.004825	prefoldin 5 (PFDN5), transcript variant 1, mRNA /cds=(36,500) /gb=NM_002624 /gi=22202632 /ug=Hs.288856 /len=661	NM_002624	Hs.288856	NP_665904
1736	0.012276	hypothetical protein FLJ21839 (FLJ21839), mRNA /cds=(445,2619) /gb=NM_021831 /gi=19923577 /ug=Hs.433334 /len=3252	NM_021831	Hs.433334	NP_068603
1737	0.004367	cytokine inducible SH2-containing protein 3 (Cish3)	NM_007707.1		NP_031733.1
1740	0.033876	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin) (TNFRSF11B), mRNA /cds=(252,1457) /gb=NM_002546 /gi=22547122 /ug=Hs.81791 /len=2291	NM_002546	Hs.81791	NP_002537
1757	0.014599	Similar to RIKEN cDNA 2310032N20 gene, clone MGC:9179 IMAGE:3909479, mRNA, complete cds /cds=(43,873) /gb=BC016142 /gi=16507947 /ug=Hs.6289 /len=2161 (=FLJ20886)	BC016142	Hs.6289	
1772	0.004825	hypothetical protein FLJ11011 (FLJ11011), mRNA /cds=(4,459) /gb=NM_018299 /gi=8922821 /ug=Hs.21275 /len=2201	NM_018299	Hs.21275	NP_060769
1794	0.007807	cDNA FLJ13558 fis, clone PLACE1007743. /gb=AK023620 /gi=10435601 /ug=Hs.86043 /len=2271	AK023620	Hs.86043	
1796	0.011238	hypothetical protein MGC33901 (MGC33901), mRNA /cds=(21,629) /gb=NM_144987 /gi=21450690 /ug=Hs.423753 /len=711	NM_144987	Hs.423753	NP_659424
1797	5.11E-04	cDNA FLJ14066 fis, clone HEMBB1001197. /gb=AK024128 /gi=10436433 /ug=Hs.306665 /len=2086	AK024128	Hs.306665	
1798	0.03788	NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa (NDUFV1), mRNA /cds=(70,1464) /gb=NM_007103 /gi=20149567 /ug=Hs.7744 /len=1566	NM_007103	Hs.7744	NP_009034
1805	0.014599	matrilin 2 (MATN2), transcript variant 1, mRNA /cds=(126,2996) /gb=NM_002380 /gi=13518036 /ug=Hs.19368 /len=3496	NM_002380	Hs.19368	NP_085072

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1810	0.012276	hypothetical protein FLJ12716 (FLJ12716), mRNA /cds=(66,2513) /gb=NM_021942 /gi=21361577 /ug=Hs.5354 /len=3522	NM_021942	Hs.5354	NP_068761
1817	0.043799	mRNA; cDNA DKFZp761P18121 (from clone DKFZp761P18121) /cds=(127,2289) /gb=AL834147 /gi=21739620 /ug=Hs.44198 /len=4286	AL834147	Hs.44198	
1818	0.001339	candidate mediator of the p53-dependent G2 arrest (REPRIMO), mRNA /cds=(244,573) /gb=NM_019845 /gi=9790192 /ug=Hs.100890 /len=1510	NM_019845	Hs.100890	NP_062819
1853	0.008677	hypothetical protein FLJ14153 (FLJ14153), mRNA /cds=(31,1428) /gb=NM_022736 /gi=12232392 /ug=Hs.7503 /len=2161	NM_022736	Hs.7503	NP_073573
1856	0.035177	hypothetical protein FLJ31121 (FLJ31121), mRNA /cds=(15,614) /gb=NM_144723 /gi=21389510 /ug=Hs.350194 /len=1512	NM_144723	Hs.350194	NP_653324
1872	0.043799	suppressor of Ty 16 (S. cerevisiae) (SUPT16H), mRNA /cds=(340,3483) /gb=NM_007192 /gi=19924176 /ug=Hs.14963 /len=4696	NM_007192	Hs.14963	NP_009123
1878	0.047031	capping protein (actin filament), gelsolin-like (CAPG), mRNA /cds=(50,1096) /gb=NM_001747 /gi=4502560 /ug=Hs.82422 /len=1221	NM_001747	Hs.82422	NP_001738
1880	0.032636	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) (UCHL1), mRNA /cds=(75,746) /gb=NM_004181 /gi=21361090 /ug=Hs.76118 /len=1119	NM_004181	Hs.76118	NP_004172
1889	0.001339	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide (YWHAH), mRNA /cds=(198,938) /gb=NM_003405 /gi=21464102 /ug=Hs.349530 /len=1775	NM_003405	Hs.349530	NP_003396
1913	0.014599	small EDRK-rich factor 2 (SERF2), mRNA /cds=(1023,1319) /gb=NM_005770 /gi=21361286 /ug=Hs.380718 /len=1408	NM_005770	Hs.380718	NP_005761

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
1923	0.018784	polymerase (DNA directed), delta 2, regulatory subunit 50kDa (POLD2), mRNA /cds=(79,1488) /gb=NM_006230 /gi=5453923 /ug=Hs.74598 /len=1584	NM_006230	Hs.74598	NP_006221
1925	0.030249	ADP-ribosyltransferase (NAD ; poly (ADP-ribose) polymerase) (ADPRT), mRNA /cds=(160,3204) /gb=NM_001618 /gi=11496989 /ug=Hs.177766 /len=3859	NM_001618	Hs.177766	NP_001609
1972	0.007107	mitochondrion, complete genome	NC_001807		
1973	0.02801	keratin 8 (KRT8), mRNA /cds=(60,1511) /gb=NM_002273 /gi=4504918 /ug=Hs.242463 /len=1752	NM_002273	Hs.242463	NP_002264
1995	0.025911	vacuolar protein sorting 28 (yeast) (VPS28), mRNA /cds=(62,727) /gb=NM_016208 /gi=7705884 /ug=Hs.339697 /len=928	NM_016208	Hs.339697	NP_057292
1999	0.032636	chromosome 20 open reading frame 40 (C20orf40), mRNA /cds=(208,396) /gb=NM_014054 /gi=7661709 /ug=Hs.105379 /len=417	NM_014054	Hs.105379	NP_054773
2039	0.03788	phosphatidyl inositol glycan class T (PIGT), mRNA /cds=(20,1756) /gb=NM_015937 /gi=23397652 /ug=Hs.84038 /len=2171	NM_015937	Hs.84038	NP_057021
2042	0.047031	ARF protein (LOC51326), mRNA /cds=(88,489) /gb=NM_016632 /gi=7706177 /ug=Hs.264509 /len=826	NM_016632	Hs.264509	NP_057716
2052	0.022106	potassium large conductance calcium-activated channel, subfamily M, alpha member 1 (KCNMA1), mRNA /cds=(178,3714) /gb=NM_002247 /gi=26638649 /ug=Hs.89463 /len=6103	NM_002247	Hs.89463	NP_002238
2066	0.022106	hypothetical protein FLJ35613 (FLJ35613), mRNA /cds=(126,2063) /gb=NM_173653 /gi=27734934 /ug=Hs.30022 /len=3568	NM_173653	Hs.30022	NP_775924
2069	0.032636	zinc finger protein 36, C3H type-like 1 (ZFP36L1), mRNA /cds=(131,1147) /gb=NM_004926 /gi=15812179 /ug=Hs.85155 /len=3022	NM_004926	Hs.85155	NP_004917
2070	0.047031	myotubular myopathy 1 (MTM1), mRNA /cds=(55,1866) /gb=NM_000252 /gi=4557895 /ug=Hs.75302 /len=3411	NM_000252	Hs.75302	NP_000243

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
2083	0.023945	major histocompatibility complex, class I, B (HLA-B), mRNA /cds=(11,1099) /gb=NM_005514 /gi=21327676 /ug=Hs.77961 /len=1310	NM_005514	Hs.77961	NP_005505
2090	0.020388	mitogen-activated protein kinase phosphatase x (MKPX), mRNA /cds=(449,1003) /gb=NM_020185 /gi=21314693 /ug=Hs.29106 /len=1520	NM_020185	Hs.29106	NP_064570
2093	0.022106	FYN binding protein (FYB-120/130) (FYB), mRNA /cds=(31,2382) /gb=NM_001465 /gi=4503820 /ug=Hs.58435 /len=2400	NM_001465	Hs.58435	NP_001456
2131	0.004825	tumor endothelial marker 8 (TEM8), transcript variant 1, mRNA /cds=(144,1838) /gb=NM_032208 /gi=14149903 /ug=Hs.8966 /len=5540	NM_032208	Hs.8966	NP_444262
2142	0.035177	KIAA0258 gene product (KIAA0258), mRNA /cds=(86,1261) /gb=NM_014785 /gi=7662029 /ug=Hs.47313 /len=6313	NM_014785	Hs.47313	NP_055600
2149	0.047031	phospholipase A2 receptor 1, 180kDa (PLA2R1), mRNA /cds=(207,4604) /gb=NM_007366 /gi=19923388 /ug=Hs.171945 /len=5633	NM_007366	Hs.171945	NP_031392
2150	0.023945	ferritin, heavy polypeptide 1 (FTH1), mRNA /cds=(92,664) /gb=NM_002032 /gi=4503794 /ug=Hs.418650 /len=801	NM_002032	Hs.418650	NP_002023
2161	0.017288	prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy) (PSAP), mRNA /cds=(39,1613) /gb=NM_002778 /gi=11386146 /ug=Hs.406455 /len=2767	NM_002778	Hs.406455	NP_002769
2166	0.008566	nephroblastoma overexpressed gene (NOV), mRNA /cds=(73,1146) /gb=NM_002514 /gi=19923725 /ug=Hs.235935 /len=2389	NM_002514	Hs.235935	NP_002505
2179	0.043799	nuclear antigen Sp100 (SP100), mRNA /cds=(32,2671) /gb=NM_003113 /gi=19923235 /ug=Hs.77617 /len=3579	NM_003113	Hs.77617	NP_003104
2198	0.022106	ferritin, heavy polypeptide 1 (FTH1), mRNA /cds=(92,664) /gb=NM_002032 /gi=4503794 /ug=Hs.418650 /len=801	NM_002032	Hs.418650	NP_002023

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
2209	0.002893	mRNA; cDNA DKFZp667O2119 (from clone DKFZp667O2119) /gb=AL832314 /gi=21732861 /ug=Hs.180789 /len=6868	AL832314	Hs.180789	
2230	0.018784	PMS1 postmeiotic segregation increased 1 (S. cerevisiae) (PMS1), mRNA /cds=(81,2879) /gb=NM_000534 /gi=11496979 /ug=Hs.111749 /len=3121	NM_000534	Hs.111749	NP_000525
2231	0.006508	TTN gene for titin	AJ277892		
2240	0.017288	likely ortholog of mouse tumor differentially expressed 1, like (TDE1L), mRNA /cds=(76,1437) /gb=NM_020755 /gi=24308212 /ug=Hs.146668 /len=3149	NM_020755	Hs.146668	NP_065806
2242	0.007807	uncharacterized hypothalamus protein HT010 (HT010), mRNA /cds=(227,1420) /gb=NM_018471 /gi=8923807 /ug=Hs.6375 /len=2140	NM_018471	Hs.6375	NP_060941
2243	0.023945	KIAA0095 gene product (KIAA0095), mRNA /cds=(67,2526) /gb=NM_014669 /gi=7661901 /ug=Hs.155314 /len=2681	NM_014669	Hs.155314	NP_055484
2244	0.011238	F-box and leucine-rich repeat protein 5 (FBXL5), transcript variant 2, mRNA /cds=(586,2283) /gb=NM_033535 /gi=21536439 /ug=Hs.5548 /len=3475	NM_033535	Hs.5548	NP_277077
2260	0.02801	heterogeneous nuclear ribonucleoprotein K (HNRPK), transcript variant 1, mRNA /cds=(210,1604) /gb=NM_002140 /gi=14165438 /ug=Hs.129548 /len=2830	NM_002140	Hs.129548	NP_112553
2263	0.015895	cDNA FLJ32589 fis, clone SPLEN2000443. /gb=AK057151 /gi=16552741 /ug=Hs.21342 /len=2178	AK057151	Hs.21342	
2267	0.022106	frizzled 10 (Drosophila) (FZD10), mRNA /cds=(457,2202) /gb=NM_007197 /gi=22035684 /ug=Hs.31664 /len=3260	NM_007197	Hs.31664	NP_009128
2273	0.00587	Pirin (PIR), mRNA /cds=(231,1103) /gb=NM_003662 /gi=4505822 /ug=Hs.424966 /len=1318	NM_003662	Hs.424966	NP_003653
2296	0.023945	serine/threonine kinase 38 like (STK38L), mRNA /cds=(174,1568) /gb=NM_015000 /gi=24307970 /ug=Hs.184523 /len=4725	NM_015000	Hs.184523	NP_055815

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
2306	0.010277	S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental (S100A4), transcript variant 1, mRNA /cds=(70,375) /gb=NM_002961 /gi=9845514 /ug=Hs.81256 /len=512	NM_002961	Hs.81256	NP_062427
2309	0.040751	GTPase-activating protein GAPIII	U20238		NP_033051
2315	0.032636	metalloproteinase inhibitor TIMP-2	AF127803		
2331	0.043799	RNA guanylyltransferase and 5'-phosphatase (RNGTT), mRNA /cds=(289,2082) /gb=NM_003800 /gi=4506562 /ug=Hs.27345 /len=4546	NM_003800	Hs.27345	NP_003791
2334	0.022106	androgen induced protein (AIG-1), mRNA /cds=(28,744) /gb=NM_016108 /gi=7705269 /ug=Hs.107528 /len=1398	NM_016108	Hs.107528	NP_057192
2340	0.025911	mRNA; cDNA DKFZp434F2311 (from clone DKFZp434F2311) /gb=AL137603 /gi=6808349 /ug=Hs.233890 /len=842	AL137603	Hs.233890	
2342	0.020388	modifier 3 (M33) (=Y13274 M33 polycomb-like protein)	Y13274		NP_031649
2347	0.030249	nuclear RNA export factor 1 (NXF1), mRNA /cds=(83,1942) /gb=NM_006362 /gi=15487669 /ug=Hs.323502 /len=2264	NM_006362	Hs.323502	NP_006353
2368	0.007107	capping protein (actin filament) muscle Z-line, beta (CAPZB), mRNA /cds=(1,819) /gb=NM_004930 /gi=4826658 /ug=Hs.333417 /len=1077	NM_004930	Hs.333417	NP_004921
2385	0.003213	Nedd4 binding protein 1 (N4BP1), mRNA /cds=(238,2928) /gb=NM_014664 /gi=7662203 /ug=Hs.323712 /len=3319	NM_014664	Hs.323712	NP_055479
2395	0.018784	Purkinje cell protein 4 (PCP4), mRNA /cds=(59,247) /gb=NM_006198 /gi=5453857 /ug=Hs.80296 /len=540	NM_006198	Hs.80296	NP_006189
2398	0.040751	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 11 (GalNAc-T11) (GALNT11), mRNA /cds=(84,1910) /gb=NM_022087 /gi=11545800 /ug=Hs.97056 /len=2591	NM_022087	Hs.97056	NP_071370
2404	0.03788	keratan sulfate proteoglycan	AF063301		NP_008966

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
2420	0.015895	zinc finger protein (LOC51042), mRNA /cds=(115,465) /gb=NM_015871 /gi=21359908 /ug=Hs.102419 /len=649	NM_015871	Hs.102419	NP_056955
2421	0.03788	ribosomal protein S4, Y-linked (RPS4Y), mRNA /cds=(13,804) /gb=NM_001008 /gi=17981706 /ug=Hs.180911 /len=931	NM_001008	Hs.180911	NP_000999
2442	0.032636	sushi-repeat-containing protein, X chromosome (SRPX), mRNA /cds=(88,1482) /gb=NM_006307 /gi=21314639 /ug=Hs.15154 /len=1999	NM_006307	Hs.15154	NP_006298
2446	0.02801	oxysterol binding protein-like 2 (OSBPL2), transcript variant 2, mRNA /cds=(203,1645) /gb=NM_144498 /gi=21450852 /ug=Hs.15519 /len=3971	NM_144498	Hs.15519	NP_653081
2452	0.039408	jun B proto-oncogene (JUNB), mRNA /cds=(254,1297) /gb=NM_002229 /gi=4504808 /ug=Hs.400124 /len=1797	NM_002229	Hs.400124	NP_002220
2469	0.014599	serine/threonine kinase 25 (STE20 yeast) (STK25), mRNA /cds=(225,1505) /gb=NM_006374 /gi=21361357 /ug=Hs.155206 /len=2207	NM_006374	Hs.155206	NP_006365
2476	0.020388	MAP kinase-interacting serine/threonine kinase 1 (MKNK1), mRNA /cds=(174,1571) /gb=NM_003684 /gi=21361100 /ug=Hs.5591 /len=2745	NM_003684	Hs.5591	NP_003675
2488	0.043799	likely ortholog of mouse hippocampus abundant gene transcript 1 (HIAT1), mRNA /cds=(6,1124) /gb=NM_033055 /gi=24308343 /ug=Hs.21015 /len=2230	NM_033055	Hs.21015	NP_149044
2508	2.66E-04	sorting nexin 1 (SNX1), transcript variant 1, mRNA /cds=(13,1581) /gb=NM_003099 /gi=23111033 /ug=Hs.75283 /len=1984	NM_003099	Hs.75283	NP_690039
2511	0.025911	ribosomal protein L35a (RPL35A), mRNA /cds=(74,406) /gb=NM_000996 /gi=16117790 /ug=Hs.288544 /len=511	NM_000996	Hs.288544	NP_000987
2535	0.010277	thyroid receptor interactor trip15 mRNA, complete cds	AF100762		NP_004227

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
2536	0.017288	H3 histone, family 3B (H3.3B) (H3F3B), mRNA /cds=(118,528) /gb=NM_005324 /gi=21264598 /ug=Hs.180877 /len=1662	NM_005324	Hs.180877	NP_005315
2538	0.040751	ETAA16 protein (ETAA16), mRNA /cds=(403,2925) /gb=NM_019002 /gi=9506580 /ug=Hs.82664 /len=3457	NM_019002	Hs.82664	NP_061875
2547	0.03788	B-cell CLL/lymphoma 3 (BCL3), mRNA /cds=(42,1382) /gb=NM_005178 /gi=20336471 /ug=Hs.31210 /len=1813	NM_005178	Hs.31210	NP_005169
2550	0.032636	uncharacterized bone marrow protein BM042 (BM042) (=cDNA sequence DKFZp761A1124)	NM_018458		
2553	0.007107	transmembrane protein vezatin (VEZATIN), mRNA /cds=(177,1886) /gb=NM_017599 /gi=19923537 /ug=Hs.24135 /len=3949	NM_017599	Hs.24135	NP_060069
2567	0.017288	nuclear receptor Rev-ErbA-beta mRNA	U20796		
2568	0.00587	glycoprotein M6B (GPM6B), mRNA /cds=(255,1052) /gb=NM_005278 /gi=24307894 /ug=Hs.5422 /len=1642	NM_005278	Hs.5422	NP_005269
2569	0.025911	PEST-containing nuclear protein (PCNP), mRNA /cds=(19,555) /gb=NM_020357 /gi=9966826 /ug=Hs.71618 /len=2250	NM_020357	Hs.71618	NP_065090
2596	0.033876	malonyl-CoA decarboxylase (MLYCD), mRNA /cds=(96,1460) /gb=NM_012213 /gi=6912497 /ug=Hs.150748 /len=2136	NM_012213	Hs.150748	NP_036345
2600	0.002893	gene_id:F1D9.26~unknown protein [Arabidopsis thaliana]	AP002460		
2602	0.010277	fibrinogen-like 2 (FGL2), mRNA /cds=(34,1353) /gb=NM_006682 /gi=5730074 /ug=Hs.351808 /len=1496	NM_006682	Hs.351808	NP_006673
2624	0.012276	RAB27A, member RAS oncogene family (RAB27A), mRNA /cds=(246,911) /gb=NM_004580 /gi=19923263 /ug=Hs.50477 /len=2496	NM_004580	Hs.50477	NP_004571
2628	0.005325	methyltransferase reductase (MTRR), transcript variant 2, mRNA /cds=(31,2208) /gb=NM_024010 /gi=13325067 /ug=Hs.153792 /len=3291	NM_024010	Hs.153792	NP_076915

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
2646	0.023945	EGF-containing fibulin-like extracellular matrix protein 1 (EFEMP1), transcript variant 1, mRNA /cds=(150,1631) /gb=NM_004105 /gi=9665261 /ug=Hs.76224 /len=2742	NM_004105	Hs.76224	NP_061489
2650	0.02801	fatty-acid-Coenzyme A ligase, long-chain 2 (FACL2), mRNA /cds=(14,2110) /gb=NM_021122 /gi=12669906 /ug=Hs.154890 /len=3635	NM_021122	Hs.154890	NP_066945
2659	0.003947	mRNA for KIAA1373 protein, partial cds. /cds=(821,2212) /gb=AB037794 /gi=7243126 /ug=Hs.16229 /len=4052	AB037794	Hs.16229	
2660	0.047031	phosphoserine phosphatase-like (PSPHL), mRNA /cds=(162,380) /gb=NM_003832 /gi=4502934 /ug=Hs.369508 /len=839	NM_003832	Hs.369508	NP_003823
2674	0.008566	ring finger protein 10 (RNF10), mRNA /cds=(448,2883) /gb=NM_014868 /gi=27544928 /ug=Hs.5094 /len=3129	NM_014868	Hs.5094	NP_055683
2678	0.025911	protein-L-isoaspartate (D-aspartate) O-methyltransferase (PCMT1), mRNA /cds=(74,757) /gb=NM_005389 /gi=4885538 /ug=Hs.79137 /len=1599	NM_005389	Hs.79137	NP_005380
2696	0.014599	cartilage linking protein 1 (CRTL1), mRNA /cds=(316,1380) /gb=NM_001884 /gi=4503052 /ug=Hs.2799 /len=1492	NM_001884	Hs.2799	NP_001875
2698	0.022106	topoisomerase (DNA) II alpha 170kDa (TOP2A), mRNA /cds=(127,4722) /gb=NM_001067 /gi=19913405 /ug=Hs.156346 /len=5698	NM_001067	Hs.156346	NP_001058
2709	0.005325	pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1) (PTN), mRNA /cds=(396,902) /gb=NM_002825 /gi=27552761 /ug=Hs.44 /len=1029	NM_002825	Hs.44	NP_002816
2712	9.43E-04	ash2 (absent, small, or homeotic)-like (Drosophila) (ASH2L), mRNA /cds=(5,1891) /gb=NM_004674 /gi=4757789 /ug=Hs.6856 /len=2381	NM_004674	Hs.6856	NP_004665
2716	9.43E-04	general transcription factor IIIC, polypeptide 3, 102kDa (GTF3C3), mRNA /cds=(94,2754) /gb=NM_012086 /gi=6912397 /ug=Hs.90847 /len=2961	NM_012086	Hs.90847	NP_036218

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
2720	0.035177	mitogen-activated protein kinase kinase kinase kinase 5 (MAP4K5), mRNA /cds=(321,2861) /gb=NM_006575 /gi=14589908 /ug=Hs.246970 /len=3000	NM_006575	Hs.246970	NP_006566
2725	0.022106	hypothetical protein MGC29891 (MGC29891), mRNA /cds=(332,1678) /gb=NM_144618 /gi=21389426 /ug=Hs.318393 /len=3356	NM_144618	Hs.318393	NP_653219
2738	0.018784	succinyl-CoA synthetase GTP-specific beta subunit	AF171077		
2746	0.011238	putative serine-rich protein	AF246705		NP_060102
2747	0.006463	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 (STAM)	NM_003473		NP_003464
2755	0.011238	ABL (M8604 Met) gene	U07561		
2756	0.002602	KIAA0183 gene	D80005		NP_055427
2760	0.023945	KVLQT1 gene	AJ006345		
2766	0.02801	sorting nexin 7 (SNX7), transcript variant 1, mRNA /cds=(268,1431) /gb=NM_015976 /gi=23111053 /ug=Hs.127241 /len=1798	NM_015976	Hs.127241	NP_689424
2774	0.003213	myristoylated alanine-rich protein kinase C substrate (MARCKS), mRNA /cds=(370,1368) /gb=NM_002356 /gi=11125771 /ug=Hs.75607 /len=2589	NM_002356	Hs.75607	NP_002347
2779	0.001501	nuclear factor (erythroid-derived 2)-like 2 (NFE2L2), mRNA /cds=(114,1931) /gb=NM_006164 /gi=20149575 /ug=Hs.155396 /len=2439	NM_006164	Hs.155396	NP_006155
2780	0.012276	OM-1	X67534		
2781	0.006463	surfeit 1 (SURF1), nuclear gene encoding mitochondrial protein, mRNA /cds=(33,935) /gb=NM_003172 /gi=19557683 /ug=Hs.423854 /len=1037	NM_003172	Hs.423854	NP_003163
2782	0.017288	high mobility group 2 protein (HMG-2)	M83665		
2791	0.01932	hypothetical protein FLJ10283 (FLJ10283), mRNA /cds=(218,1039) /gb=NM_018046 /gi=8922325 /ug=Hs.284216 /len=1876	NM_018046	Hs.284216	NP_060516
2795	0.022106	nucleophosmin (nucleolar phosphoprotein B23, numatrin) (NPM1), mRNA /cds=(100,984) /gb=NM_002520 /gi=20070168 /ug=Hs.355719 /len=1347	NM_002520	Hs.355719	NP_002511

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
2797	0.02801	zinc finger homeobox 1b (ZFHX1B), mRNA /cds=(445,4089) /gb=NM_014795 /gi=7662183 /ug=Hs.34871 /len=5523	NM_014795	Hs.34871	NP_055610
2815	0.043799	proteasome (prosome, macropain) subunit, alpha type, 6 (PSMA6), mRNA /cds=(110,850) /gb=NM_002791 /gi=23110943 /ug=Hs.410276 /len=1035	NM_002791	Hs.410276	NP_002782
2826	0.035177	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3 (KCNS3), mRNA /cds=(381,1856) /gb=NM_002252 /gi=25952107 /ug=Hs.47584 /len=2344	NM_002252	Hs.47584	NP_002243
2833	6.56E-04	myotubularin related protein 6	AF072928		NP_004676
2837	0.030249	DD6A4-1	AF034237		
2839	0.017288	synovial sarcoma translocation gene on chromosome 18-like 1 (SS18L1), mRNA /cds=(61,1251) /gb=NM_015558 /gi=27754185 /ug=Hs.154429 /len=3723	NM_015558	Hs.154429	NP_056373
2847	0.007107	lysosomal-associated membrane protein 2 (LAMP2), transcript variant LAMP2B, mRNA /cds=(138,1370) /gb=NM_013995 /gi=7669502 /ug=Hs.8262 /len=4006	NM_013995	Hs.8262	NP_054701
2867	0.030249	mitogen-activated protein kinase kinase 1 interacting protein 1 (MAP2K1IP1), mRNA /cds=(250,624) /gb=NM_021970 /gi=21614526 /ug=Hs.6361 /len=1416	NM_021970	Hs.6361	NP_068805
2889	0.02801	ubiquitous tetratricopeptide containing protein RoXaN (RoXaN), mRNA /cds=(217,3150) /gb=NM_017590 /gi=27881483 /ug=Hs.25347 /len=5868	NM_017590	Hs.25347	NP_060060
2890	0.047031	proteasome (prosome, macropain) subunit, alpha type, 2 (PSMA2), mRNA /cds=(20,724) /gb=NM_002787 /gi=23110936 /ug=Hs.411773 /len=885	NM_002787	Hs.411773	NP_002778
2896	0.023945	C-type lectin	BAA95671		
2917	0.013394	ADP-ribosylation factor-like 3 (ARL3), mRNA /cds=(16,564) /gb=NM_004311 /gi=4757773 /ug=Hs.182215 /len=900	NM_004311	Hs.182215	NP_004302

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
2932	0.015895	cyclin D binding myb-like transcription factor 1 (DMTF1), mRNA /cds=(276,2558) /gb=NM_021145 /gi=10863946 /ug=Hs.5671 /len=3767	NM_021145	Hs.5671	NP_066968
2947	0.018784	hemoglobin, alpha 2 (HBA2), mRNA /cds=(38,466) /gb=NM_000517 /gi=14043068 /ug=Hs.347939 /len=575	NM_000517	Hs.347939	NP_000508
2961	0.011238	line-1 protein ORF2 (=p150)	B28096		
2975	0.008677	actin related protein 2/3 complex, subunit 3, 21kDa (ARPC3), mRNA /cds=(94,630) /gb=NM_005719 /gi=23397667 /ug=Hs.293750 /len=912	NM_005719	Hs.293750	NP_005710
2979	0.013394	hypothetical protein FLJ20574 (FLJ20574), mRNA /cds=(113,1741) /gb=NM_017886 /gi=8923538 /ug=Hs.99514 /len=2581	NM_017886	Hs.99514	NP_060356
2996	0.040751	ribosomal protein L12 (RPL12), mRNA /cds=(89,586) /gb=NM_000976 /gi=15431291 /ug=Hs.405042 /len=632	NM_000976	Hs.405042	NP_000967
3072	0.02801	trichorhinophalangeal syndrome I (TRPS1), mRNA /cds=(639,4484) /gb=NM_014112 /gi=7657658 /ug=Hs.26102 /len=10011	NM_014112	Hs.26102	NP_054831
3090	0.022106	Similar to kinesin family member C1, clone MGC:1202 IMAGE:3506669, mRNA, complete cds /cds=(168,2189) /gb=BC000712 /gi=12653842 /ug=Hs.20830 /len=2400	BC000712	Hs.20830	NP_002254
3098	0.040751	malate dehydrogenase 1, NAD (soluble) (MDH1), mRNA /cds=(57,1061) /gb=NM_005917 /gi=21735619 /ug=Hs.75375 /len=1268	NM_005917	Hs.75375	NP_005908
3109	0.030249	24-dehydrocholesterol reductase (DHCR24), mRNA /cds=(100,1650) /gb=NM_014762 /gi=13375617 /ug=Hs.75616 /len=4248	NM_014762	Hs.75616	NP_055577
3116	0.023945	Hypothetical protein(cDNA FLJ11299 fis, clone PLACE1009845, highly similar to KIAA0905 protein)	AK002161		NP_057295
3118	0.032636	cDNA: FLJ21243 fis, clone COL01164. /gb=AK024896 /gi=10437310 /ug=Hs.268016 /len=1880	AK024896	Hs.268016	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
3123	0.043799	RNA processing factor 1 (RPF1), mRNA /cds=(8,1057) /gb=NM_025065 /gi=18643386 /ug=Hs.287863 /len=1336	NM_025065	Hs.287863	NP_079341
3128	0.02801	mRNA for ras-related GTP-binding protein /cds=(24,578) /gb=Z29677 /gi=453469 /ug=Hs.355976 /len=987	Z29677	Hs.355976	NP_005605
3146	0.032636	aldo-keto reductase family 1, member A1 (aldehyde reductase) (AKR1A1), transcript variant 1, mRNA /cds=(465,1442) /gb=NM_006066 /gi=24497575 /ug=Hs.432896 /len=1556	NM_006066	Hs.432896	NP_697021
3148	0.035177	cDNA: FLJ23155 fis, clone LNG09573. /gb=AK026808 /gi=10439749 /ug=Hs.96867 /len=2089	AK026808	Hs.96867	
3156	0.03788	golgi autoantigen, golgin subfamily b, macrogolgin (with transmembrane signal), 1 (GOLGB1), mRNA /cds=(127,9906) /gb=NM_004487 /gi=4758453 /ug=Hs.7844 /len=10300	NM_004487	Hs.7844	NP_004478
3180	0.013394	ferritin, heavy polypeptide 1 (FTH1), mRNA /cds=(92,664) /gb=NM_002032 /gi=4503794 /ug=Hs.418650 /len=801	NM_002032	Hs.418650	NP_002023
3183	0.023945	Similar to hypothetical protein PRO1722, clone MGC:12239 IMAGE:3996377, mRNA, complete cds /cds=(1435,1635) /gb=BC008373 /gi=14249972 /ug=Hs.356550 /len=2470	BC008373	Hs.356550	
3219	0.005325	actin, alpha, cardiac muscle (ACTC), mRNA /cds=(1,1134) /gb=NM_005159 /gi=10938011 /ug=Hs.118127 /len=1294	NM_005159	Hs.118127	NP_005150
3220	8.37E-04	SHC (Src 2 domain containing) transforming protein 1 (SHC1), mRNA /cds=(195,1946) /gb=NM_003029 /gi=10835030 /ug=Hs.81972 /len=3664	NM_003029	Hs.81972	NP_003020
3230	0.035177	cDNA FLJ10004 fis, clone HEMBA1000076. /gb=AK000866 /gi=7021190 /ug=Hs.411490 /len=1974	AK000866	Hs.411490	
3235	0.030249	histone deacetylase 11 (HDAC11), mRNA /cds=(25,1068) /gb=NM_024827 /gi=13376227 /ug=Hs.74280 /len=1755	NM_024827	Hs.74280	NP_079103

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
3246	0.047031	UI-E-EJ0-ail-e-04-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-ail-e-04-0-UI 5', mRNA sequence /clone=UI-E-EJ0-ail-e-04-0-UI /clone_end=5' /gb=BM727687 /gi=19049020 /ug=Hs.446532 /len=1103	BM727687	Hs.446532	
3280	0.014599	RETROVIRUS-RELATED POL POLYPROTEIN	P11369		
3288	0.018784	cyclin G2 (CCNG2), mRNA /cds=(136,1170) /gb=NM_004354 /gi=4757935 /ug=Hs.79069 /len=2044	NM_004354	Hs.79069	NP_004345
3294	0.018784	NCK adaptor protein 1 (NCK1), mRNA /cds=(117,1250) /gb=NM_006153 /gi=20070226 /ug=Hs.54589 /len=1947	NM_006153	Hs.54589	NP_006144
3296	0.00587	monocyte to macrophage differentiation-associated (MMD), mRNA /cds=(82,798) /gb=NM_012329 /gi=6912507 /ug=Hs.79889 /len=2533	NM_012329	Hs.79889	NP_036461
3299	2.32E-04	ADP-ribosylation factor 4 (ARF4), mRNA /cds=(211,753) /gb=NM_001660 /gi=6995998 /ug=Hs.75290 /len=1610	NM_001660	Hs.75290	NP_001651
3303	0.022106	HSPC070 protein (HSPC070), mRNA /cds=(332,1582) /gb=NM_014160 /gi=8850222 /ug=Hs.279474 /len=3050	NM_014160	Hs.279474	NP_054879
3326	0.017288	of yeast long chain polyunsaturated fatty acid elongation enzyme 2 (HELO1), mRNA /cds=(345,1244) /gb=NM_021814 /gi=21361903 /ug=Hs.250175 /len=3011	NM_021814	Hs.250175	NP_068586
3327	5.11E-04	goliath protein (GP), mRNA /cds=(428,1258) /gb=NM_018434 /gi=20127393 /ug=Hs.155718 /len=1445	NM_018434	Hs.155718	NP_060904
3336	0.009388	stromal antigen 2 (STAG2), mRNA /cds=(405,3893) /gb=NM_006603 /gi=27552767 /ug=Hs.8217 /len=4197	NM_006603	Hs.8217	NP_006594
3361	0.020388	integrin, beta 8 (ITGB8), mRNA /cds=(681,2990) /gb=NM_002214 /gi=4504778 /ug=Hs.355722 /len=3789	NM_002214	Hs.355722	NP_002205
3378	0.040751	hypothetical protein KIAA1461 (ORF)	AB040894		NP_060798

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
3404	0.030249	protein tyrosine phosphatase, non-receptor type 23 (PTPN23), mRNA /cds=(62,4972) /gb=NM_015466 /gi=24308072 /ug=Hs.25524 /len=5248	NM_015466	Hs.25524	NP_056281
3407	0.009388	BCL2/adenovirus E1B 19kD-interacting protein 3-like (BNIP3L)	XM_048077		
3432	0.030249	polypyrimidine tract binding protein 1 (PTBP1), transcript variant 1, mRNA /cds=(89,1762) /gb=NM_002819 /gi=14165462 /ug=Hs.172550 /len=3322	NM_002819	Hs.172550	NP_787041
3433	0.040751	interferon induced transmembrane protein 3 (1-8U) (IFITM3), mRNA /cds=(238,639) /gb=NM_021034 /gi=11995467 /ug=Hs.381234 /len=808	NM_021034	Hs.381234	NP_066362
3444	0.035177	laminin receptor 1 (ribosomal protein SA, 67kDa) (LAMR1), mRNA /cds=(86,973) /gb=NM_002295 /gi=9845501 /ug=Hs.181357 /len=1039	NM_002295	Hs.181357	NP_002286
3475	0.003947	hypothetical protein FLJ12389 similar to acetoacetyl-CoA synthetase (FLJ12389), mRNA /cds=(149,2167) /gb=NM_023928 /gi=12965198 /ug=Hs.239758 /len=3253	NM_023928	Hs.239758	NP_076417
3476	0.03788	arginine-glutamic acid dipeptide (RE) repeats (RERE), mRNA /cds=(637,5337) /gb=NM_012102 /gi=19923392 /ug=Hs.194369 /len=8035	NM_012102	Hs.194369	NP_036234
3485	0.047031	Saccharomyces cerevisiae chromosome XII, complete chromosome sequence	NC_001144		
3495	0.03788	clone IMAGE:5212110, mRNA /gb=BC028002 /gi=24081066 /ug=Hs.386507 /len=2415	BC028002	Hs.386507	
3506	0.035177	paraspeckle protein 1 (PSP1), mRNA /cds=(294,1367) /gb=NM_018282 /gi=8922788 /ug=Hs.16364 /len=1709	NM_018282	Hs.16364	NP_060752
3516	0.043799	PM1-DT0054-231299-002-a09 DT0054 cDNA, mRNA sequence /gb=AW364737 /gi=6869491 /ug=Hs.407368 /len=643	AW364737	Hs.407368	
3520	0.032636	mRNA; cDNA DKFZp586F2423 (from clone DKFZp586F2423) /gb=AL080209 /gi=5262698 /ug=Hs.13659 /len=4254	AL080209	Hs.13659	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
3524	0.045661	UI-H-DH1-awr-a-12-0-UI.s1 NCI_CGAP_DH1 cDNA clone IMAGE:5893139 3', mRNA sequence /clone=IMAGE:5893139 /clone_end=3' /gb=BQ001533 /gi=19726433 /ug=Hs.194397 /len=1039	BQ001533	Hs.194397	
3527	0.008566	UI-H-FL1-bge-c-14-0-UI.s1 NCI_CGAP_FL1 cDNA clone UI-H-FL1-bge-c-14-0-UI 3', mRNA sequence /clone=UI-H-FL1-bge-c-14-0-UI /clone_end=3' /gb=CA430953 /gi=24793679 /ug=Hs.397680 /len=1105	CA430953	Hs.397680	
3539	0.006463	ubiquitin C (UBC), mRNA /cds=(136,2193) /gb=NM_021009 /gi=20149305 /ug=Hs.183704 /len=2309	NM_021009	Hs.183704	NP_066289
3540	0.032636	nucleoporin 155kDa (NUP155), transcript variant 1, mRNA /cds=(119,4294) /gb=NM_153485 /gi=24430148 /ug=Hs.23255 /len=4355	NM_153485	Hs.23255	NP_705618
3542	0.030249	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide II (P4HA2), mRNA /cds=(188,1795) /gb=NM_004199 /gi=4758867 /ug=Hs.3622 /len=2194	NM_004199	Hs.3622	NP_004190
3560	0.040751	like mouse brain protein E46 (E46L), mRNA /cds=(199,1626) /gb=NM_013236 /gi=7106298 /ug=Hs.13493 /len=1971	NM_013236	Hs.13493	NP_037368
3563	0.023945	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit (HADHB), mRNA /cds=(47,1471) /gb=NM_000183 /gi=4504326 /ug=Hs.146812 /len=1991	NM_000183	Hs.146812	NP_000174
3566	0.002893	Hypothetical protein(cDNA: FLJ23266 fis, clone COL06676, highly similar to HUMFRCCclone s153 mRNA)	AK026919		
3570	0.001339	PTEN (PTEN) gene, exons 3 through 5	AF143314		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
3571	0.043799	proteasome (prosome, macropain) 26S subunit, ATPase, 6 (PSMC6), mRNA /cds=(21,1190) /gb=NM_002806 /gi=24430159 /ug=Hs.79357 /len=1590	NM_002806	Hs.79357	NP_002797
3576	0.02801	osteoglycin (osteoinductive factor, mimecan) (OGN), transcript variant 1, mRNA /cds=(422,1318) /gb=NM_033014 /gi=14916497 /ug=Hs.109439 /len=2976	NM_033014	Hs.109439	NP_148935
3578	0.010277	DKFZp586D2322 (from clone DKFZp586D2322)	AL049455		NP_001928
3587	0.047031	cAMP responsive element binding protein 1 (CREB1), transcript variant B, mRNA /cds=(182,1207) /gb=NM_134442 /gi=22219460 /ug=Hs.79194 /len=3006	NM_134442	Hs.79194	NP_604391
3591	0.047031	hypothetical protein MGC4415 (MGC4415), mRNA /cds=(154,675) /gb=NM_031484 /gi=13899343 /ug=Hs.209614 /len=3243	NM_031484	Hs.209614	NP_113672
3599	0.011238	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3 (KDELR3), transcript variant 1, mRNA /cds=(157,801) /gb=NM_006855 /gi=8051612 /ug=Hs.250696 /len=1705	NM_006855	Hs.250696	NP_057839
3605	0.012276	KIAA0062 mRNA, partial cds /cds=(1,1598) /gb=D31887 /gi=505101 /ug=Hs.89868 /len=4573	D31887	Hs.89868	
3606	0.012276	nucleolar protein family A, member 3 (H/ACA small nucleolar RNPs) (NOLA3), mRNA /cds=(98,292) /gb=NM_018648 /gi=15011920 /ug=Hs.14317 /len=556	NM_018648	Hs.14317	NP_061118
3617	0.018784	microtubule associated testis specific serine/threonine protein kinase (MAST205), mRNA /cds=(284,5488) /gb=NM_015112 /gi=14149670 /ug=Hs.101474 /len=5737	NM_015112	Hs.101474	NP_055927
3618	0.008566	ATP synthase, H transporting, mitochondrial F1 complex, delta subunit (ATP5D), mRNA /cds=(84,590) /gb=NM_001687 /gi=4502296 /ug=Hs.89761 /len=994	NM_001687	Hs.89761	NP_001678
3640	0.010277	PTD015 protein (PTD015), mRNA /cds=(148,504) /gb=NM_014040 /gi=7662642 /ug=Hs.95870 /len=620	NM_014040	Hs.95870	NP_054759

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
3653	0.030249	cDNA FLJ39355 fis, clone PEBLM2003426. /gb=AK096674 /gi=21756218 /ug=Hs.416902 /len=2809	AK096674	Hs.416902	
3655	0.020388	oxysterol binding protein-like 7 (OSBPL7), transcript variant 2, mRNA /cds=(257,2785) /gb=NM_017731 /gi=22035613 /ug=Hs.274370 /len=3349	NM_017731	Hs.274370	NP_665741
3666	0.007807	DAZ associated protein 2 (DAZAP2), mRNA /cds=(70,576) /gb=NM_014764 /gi=7661885 /ug=Hs.75416 /len=1897	NM_014764	Hs.75416	NP_055579
3686	0.008566	autism susceptibility candidate 2 (AUTS2), mRNA /cds=(322,4101) /gb=NM_015570 /gi=17864089 /ug=Hs.32168 /len=5972	NM_015570	Hs.32168	NP_056385
3702	0.00587	ferritin, heavy polypeptide 1 (FTH1), mRNA /cds=(92,664) /gb=NM_002032 /gi=4503794 /ug=Hs.418650 /len=801	NM_002032	Hs.418650	NP_002023
3704	0.002602	LIM domain protein (RIL), mRNA /cds=(42,1034) /gb=NM_003687 /gi=19923180 /ug=Hs.424312 /len=2256	NM_003687	Hs.424312	NP_003678
3715	0.007107	POP7 (processing of precursor, S. cerevisiae) (RPP20), mRNA /cds=(169,591) /gb=NM_005837 /gi=5032046 /ug=Hs.416994 /len=878	NM_005837	Hs.416994	NP_005828
3718	0.040751	dehydrogenase/reductase (SDR family) member 4 (DHRS4), mRNA /cds=(80,862) /gb=NM_021004 /gi=10337604 /ug=Hs.418501 /len=1281	NM_021004	Hs.418501	NP_066284
3722	0.023945	clusterin (complement lysis inhibitor, SP 40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J) (CLU), mRNA /cds=(48,1397) /gb=NM_001831 /gi=4502904 /ug=Hs.75106 /len=1676	NM_001831	Hs.75106	NP_001822
3731	0.012276	prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy) (PSAP), mRNA /cds=(39,1613) /gb=NM_002778 /gi=11386146 /ug=Hs.406455 /len=2767	NM_002778	Hs.406455	NP_002769

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
3732	0.009388	hypothetical protein FLJ20718 (FLJ20718), mRNA /cds=(228,2012) /gb=NM_017939 /gi=8923644 /ug=Hs.50579 /len=2658	NM_017939	Hs.50579	NP_060409
3750	0.023945	ferritin, light polypeptide (FTL), mRNA /cds=(189,716) /gb=NM_000146 /gi=20149497 /ug=Hs.430150 /len=878	NM_000146	Hs.430150	NP_000137
3751	0.043799	S100 calcium binding protein A11 (calgizzarin) (S100A11), mRNA /cds=(121,438) /gb=NM_005620 /gi=5032056 /ug=Hs.417004 /len=595	NM_005620	Hs.417004	NP_005611
3757	0.025911	tubulin, gamma complex associated protein 2 (TUBGCP2), mRNA /cds=(64,2772) /gb=NM_006659 /gi=5729839 /ug=Hs.13386 /len=2846	NM_006659	Hs.13386	NP_006650
3760	0.035177	cleavage and polyadenylation specific factor 3, 73kDa (CPSF3), mRNA /cds=(36,2090) /gb=NM_016207 /gi=21314666 /ug=Hs.16251 /len=2286	NM_016207	Hs.16251	NP_057291
3787	0.011238	secretory leukocyte protease inhibitor (antileukoproteinase) (SLPI), mRNA /cds=(23,421) /gb=NM_003064 /gi=15834622 /ug=Hs.251754 /len=598	NM_003064	Hs.251754	NP_003055
3791	0.022106	TNF receptor-associated factor 4 (TRAF4), transcript variant 1, mRNA /cds=(86,1498) /gb=NM_004295 /gi=22027621 /ug=Hs.8375 /len=1999	NM_004295	Hs.8375	NP_665694
3793	0.013394	myosin, light polypeptide 5, regulatory (MYL5), mRNA /cds=(106,627) /gb=NM_002477 /gi=4505304 /ug=Hs.170482 /len=661	NM_002477	Hs.170482	NP_002468
3797	0.004367	KIAA0081 mRNA, partial cds /cds=(1,708) /gb=D42039 /gi=20521875 /ug=Hs.78871 /len=4174	D42039	Hs.78871	
3798	0.002602	chromodomain helicase DNA binding protein 4 (CHD4), mRNA /cds=(90,5828) /gb=NM_001273 /gi=4557452 /ug=Hs.74441 /len=6417	NM_001273	Hs.74441	NP_001264
3805	0.043799	hypothetical protein FLJ10350 (FLJ10350), mRNA /cds=(676,2340) /gb=NM_018067 /gi=21361780 /ug=Hs.177596 /len=2811	NM_018067	Hs.177596	NP_060537

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
3879	0.035177	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 21 (DDX21), mRNA /cds=(266,2413) /gb=NM_004728 /gi=13787208 /ug=Hs.169531 /len=3319	NM_004728	Hs.169531	NP_004719
3891	0.018784	FLJ33146 fis, clone UTERU2000197, moderately similar to Homo sapiens nuclear localization signal containing protein deleted in Velo-Cardio-Facial syndrome (Nlvcf) mRNA /cds=UNKNOWN /gb=AK057708 /gi=16553625 /ug=Hs.19500 /len=3512	AK057708	Hs.19500	
3905	0.020388	paraneoplastic antigen MA1 (PNMA1), mRNA /cds=(665,1726) /gb=NM_006029 /gi=14719429 /ug=Hs.194709 /len=2530	NM_006029	Hs.194709	NP_006020
3937	0.02801	nuclear receptor binding factor-2 (NRBF-2), mRNA /cds=(180,1043) /gb=NM_030759 /gi=13540514 /ug=Hs.27181 /len=1866	NM_030759	Hs.27181	NP_110386
3958	0.012276	CGI-150 protein (CGI-150), mRNA /cds=(202,1716) /gb=NM_016080 /gi=7705645 /ug=Hs.279061 /len=2580	NM_016080	Hs.279061	NP_057164
3959	0.047031	actin-binding protein 22 kDa (SM22) gene, complete cds	AF013711		
3965	0.008566	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 (SERPINA1), mRNA /cds=(233,1489) /gb=NM_000295 /gi=21361197 /ug=Hs.297681 /len=1584	NM_000295	Hs.297681	NP_000286
3972	0.003563	chitinase 3-like 1 (cartilage glycoprotein-39) (CHI3L1), mRNA /cds=(127,1278) /gb=NM_001276 /gi=4557017 /ug=Hs.75184 /len=1925	NM_001276	Hs.75184	NP_001267
3997	0.022106	NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa (NDUFV2), mRNA /cds=(19,768) /gb=NM_021074 /gi=10835024 /ug=Hs.51299 /len=827	NM_021074	Hs.51299	NP_066552
4003	0.00587	methylmalonyl CoA epimerase (MCEE), mRNA /cds=(11,541) /gb=NM_032601 /gi=21314761 /ug=Hs.94949 /len=850	NM_032601	Hs.94949	NP_115990

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
4005	0.001878	UI-E-EJ0-aig-m-03-0-UI.s1 UI-E-EJ0 cDNA clone UI-E-EJ0-aig-m-03-0-UI 3', mRNA sequence /clone=UI-E-EJ0-aig-m-03-0-UI /clone_end=3' /gb=BM677964 /gi=18987860 /ug=Hs.439607 /len=1043	BM677964	Hs.439607	
4006	0.010277	protein kinase D2 (PRKD2), mRNA /cds=(40,2676) /gb=NM_016457 /gi=19923467 /ug=Hs.91146 /len=2900	NM_016457	Hs.91146	NP_057541
4008	9.43E-04	jagged 1 (Alagille syndrome) (JAG1), mRNA /cds=(414,4070) /gb=NM_000214 /gi=4557678 /ug=Hs.91143 /len=5896	NM_000214	Hs.91143	NP_000205
4025	0.014599	cytochrome c oxidase subunit Vb (COX5B), nuclear gene encoding mitochondrial protein, mRNA /cds=(30,419) /gb=NM_001862 /gi=17017987 /ug=Hs.1342 /len=523	NM_001862	Hs.1342	NP_001853
4033	0.018784	protein tyrosine phosphatase, receptor type, M (PTPRM), mRNA /cds=(1,4359) /gb=NM_002845 /gi=18860903 /ug=Hs.154151 /len=5065	NM_002845	Hs.154151	NP_002836
4046	0.030249	polymerase (RNA) II (DNA directed) polypeptide C, 33kDa (POLR2C), transcript variant gamma, mRNA /cds=(58,885) /gb=NM_032940 /gi=14702170 /ug=Hs.79402 /len=1782	NM_032940	Hs.79402	NP_116558
4064	0.012276	ubiquitin-like 5 (UBL5), mRNA /cds=(66,287) /gb=NM_024292 /gi=13236509 /ug=Hs.13836 /len=413	NM_024292	Hs.13836	NP_077268
4078	0.035177	retinoblastoma binding protein 8 (RBBP8), mRNA /cds=(299,2992) /gb=NM_002894 /gi=4506440 /ug=Hs.29287 /len=3246	NM_002894	Hs.29287	NP_002885
4087	0.005843	TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa (TAF12), mRNA /cds=(167,652) /gb=NM_005644 /gi=9943840 /ug=Hs.421646 /len=1113	NM_005644	Hs.421646	NP_005635
4103	0.015895	protein kinase C, nu (PRKCN), mRNA /cds=(556,3228) /gb=NM_005813 /gi=6563384 /ug=Hs.143460 /len=5792	NM_005813	Hs.143460	NP_005804

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
4118	0.010277	HSPC154 protein (HSPC154), mRNA /cds=(200,946) /gb=NM_014177 /gi=7661809 /ug=Hs.7922 /len=1343	NM_014177	Hs.7922	NP_054896
4121	0.018784	natural killer cell enhancing factor (NKEFA)	L19184		NP_002565
4131	0.032636	thymosin, beta 4, X chromosome (TMSB4X), mRNA /cds=(78,212) /gb=NM_021109 /gi=11056060 /ug=Hs.75968 /len=556	NM_021109	Hs.75968	NP_066932
4133	0.003947	vimentin (VIM), mRNA /cds=(123,1523) /gb=NM_003380 /gi=4507894 /ug=Hs.297753 /len=1851	NM_003380	Hs.297753	NP_000995
4134	0.040751	fosB	X14897		NP_032062
4145	0.004825	RAB10, member RAS oncogene family (RAB10), mRNA /cds=(91,693) /gb=NM_016131 /gi=7705848 /ug=Hs.236494 /len=3164	NM_016131	Hs.236494	NP_057215
4147	0.02801	GNAS complex locus (GNAS), transcript variant 3, mRNA /cds=(1,2730) /gb=NM_080425 /gi=18426897 /ug=Hs.374523 /len=3091	NM_080425	Hs.374523	NP_536351
4148	0.006463	FUSE binding protein 3 (FBP3) mRNA, partial cds. /cds=(1,1803) /gb=U69127 /gi=1575608 /ug=Hs.153636 /len=3131	U69127	Hs.153636	
4152	0.022106	CG9469 gene product	AAF57414		
4153	0.004367	KIAA0423 mRNA, partial cds. /cds=(206,5377) /gb=AB007883 /gi=20521046 /ug=Hs.111373 /len=6246	AB007883	Hs.111373	
4164	0.007107	translocated promoter region (to activated MET oncogene) (TPR), mRNA /cds=(298,7347) /gb=NM_003292 /gi=4507658 /ug=Hs.169750 /len=7497	NM_003292	Hs.169750	NP_003283
4171	0.00587	AGENCOURT_7591767 NIH_MGC_92 cDNA clone IMAGE:6067123 5', mRNA sequence /clone=IMAGE:6067123 /clone_end=5' /gb=BQ228526 /gi=20409926 /ug=Hs.282204 /len=1263	BQ228526	Hs.282204	
4187	0.018784	serine protease inhibitor, Kunitz type, 2 (SPINT2), mRNA /cds=(301,1059) /gb=NM_021102 /gi=10863908 /ug=Hs.31439 /len=1544	NM_021102	Hs.31439	NP_066925
4192	0.040751	ribosomal 28S RNA	M11167		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
4209	0.009388	cDNA FLJ39491 fis, clone PROST2015924, weakly similar to Opa-interacting protein OIP2 mRNA. /gb=AK096810 /gi=21756383 /ug=Hs.274170 /len=2835	AK096810	Hs.274170	NP_852480
4220	0.005325	ribosomal protein S2 (RPS2), mRNA /cds=(12,893) /gb=NM_002952 /gi=15055538 /ug=Hs.356360 /len=978	NM_002952	Hs.356360	NP_002943
4221	0.011238	ras inhibitor	M37190		NP_061866
4225	0.002096	Parkinson disease (autosomal recessive, early onset) 7 (PARK7), mRNA /cds=(21,590) /gb=NM_007262 /gi=6005748 /ug=Hs.10958 /len=842	NM_007262	Hs.10958	NP_009193
4244	0.047031	mRNA for KIAA0121 protein, partial cds. /cds=(411,1301) /gb=D50911 /gi=6633996 /ug=Hs.155584 /len=3787	D50911	Hs.155584	
4253	0.011745	cartilage associated protein (CRTAP), mRNA /cds=(12,1217) /gb=NM_006371 /gi=21536278 /ug=Hs.155481 /len=2307	NM_006371	Hs.155481	NP_006362
4262	0.043799	peptidylprolyl isomerase B (cyclophilin B) (PPIB), mRNA /cds=(150,800) /gb=NM_000942 /gi=20149505 /ug=Hs.394389 /len=1028	NM_000942	Hs.394389	NP_000933
4264	0.004825	syntrophin, alpha 1 (dystrophin-associated protein A1, 59kDa, acidic component) (SNTA1), mRNA /cds=(273,1790) /gb=NM_003098 /gi=18765742 /ug=Hs.31121 /len=2345	NM_003098	Hs.31121	NP_003089
4268	0.001878	reticulon 3 (RTN3), mRNA /cds=(125,835) /gb=NM_006054 /gi=5174654 /ug=Hs.252831 /len=2524	NM_006054	Hs.252831	NP_006045
4296	0.043799	splicing factor 3b, subunit 2, 145kD, clone IMAGE:2822659, mRNA, partial cds /cds=(1,2696) /gb=BC000401 /gi=12653264 /ug=Hs.406423 /len=2873	BC000401	Hs.406423	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
4304	0.030249	1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosphatidic acid acyltransferase, alpha) (AGPAT1), transcript variant 1, mRNA /cds=(319,1170) /gb=NM_006411 /gi=26787964 /ug=Hs.240534 /len=2242	NM_006411	Hs.240534	NP_116130
4308	0.013394	Kruppel-like factor (LOC51713), mRNA /cds=(85,1152) /gb=NM_016270 /gi=7706468 /ug=Hs.107740 /len=1647	NM_016270	Hs.107740	NP_057354
4309	0.012276	aminopeptidase puromycin sensitive (NPEPPS), mRNA /cds=(196,2823) /gb=NM_006310 /gi=15451906 /ug=Hs.293007 /len=4177	NM_006310	Hs.293007	NP_006301
4316	0.007807	UPF2 regulator of nonsense transcripts (yeast) (UPF2), transcript variant 1, mRNA /cds=(130,3948) /gb=NM_080599 /gi=18375675 /ug=Hs.3862 /len=5223	NM_080599	Hs.3862	NP_542166
4339	0.003539	lamin B receptor (LBR), mRNA /cds=(76,1923) /gb=NM_002296 /gi=4504960 /ug=Hs.152931 /len=3714	NM_002296	Hs.152931	NP_002287
4340	0.008566	heat shock 90kDa protein 1, beta (HSPCB), mRNA /cds=(85,2259) /gb=NM_007355 /gi=20149593 /ug=Hs.74335 /len=2567	NM_007355	Hs.74335	NP_031381
4341	0.014599	splicing factor, arginine/serine-rich 9 (SFRS9), mRNA /cds=(53,718) /gb=NM_003769 /gi=4506902 /ug=Hs.77608 /len=1069	NM_003769	Hs.77608	NP_003760
4342	0.025911	RNA binding protein S1, serine-rich domain (RNPS1), transcript variant 1, mRNA /cds=(252,1169) /gb=NM_006711 /gi=18379335 /ug=Hs.75104 /len=2038	NM_006711	Hs.75104	NP_542161
4343	0.002893	lectin, galactoside-binding, soluble, 1 (galectin 1) (LGALS1), mRNA /cds=(69,476) /gb=NM_002305 /gi=6006015 /ug=Hs.382367 /len=526	NM_002305	Hs.382367	NP_002296
4345	0.007807	faciogenital dysplasia (Aarskog-Scott syndrome) (FGD1), mRNA /cds=(735,3620) /gb=NM_004463 /gi=24797152 /ug=Hs.1572 /len=4291	NM_004463	Hs.1572	NP_004454
4349	0.004825	class I cytokine receptor (zcytor5)	AF178684		NP_004741

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
4352	0.009388	zinc finger protein 38 (ZNF38), mRNA /cds=(98,1519) /gb=NM_145914 /gi=27544930 /ug=Hs.20082 /len=1960	NM_145914	Hs.20082	NP_666019
4376	0.009388	KIAA0089 protein (KIAA0089), mRNA /cds=(66,1121) /gb=NM_015141 /gi=24307998 /ug=Hs.82432 /len=3959	NM_015141	Hs.82432	NP_055956
4404	0.012276	KIAA1723 protein, partial cds /cds=UNKNOWN /gb=AB051510 /gi=12697990 /ug=Hs.8700 /len=7365	AB051510	Hs.8700	NP_006085
4408	0.018784	mRNA for KIAA1165 protein, partial cds. /cds=(1,855) /gb=AB032991 /gi=6330170 /ug=Hs.30340 /len=4415	AB032991	Hs.30340	
4415	0.030249	kinectin 1 (kinesin receptor) (KTN1), mRNA /cds=(84,3986) /gb=NM_004986 /gi=4826813 /ug=Hs.418467 /len=4457	NM_004986	Hs.418467	NP_004977
4423	0.035177	CD63 antigen (melanoma 1 antigen) (CD63), mRNA /cds=(95,811) /gb=NM_001780 /gi=21237758 /ug=Hs.433996 /len=925	NM_001780	Hs.433996	NP_001771
4428	0.020388	mRNA for KIAA1421 protein, partial cds. /cds=(1,4391) /gb=AB037842 /gi=7243222 /ug=Hs.117268 /len=4391	AB037842	Hs.117268	
4435	0.011238	clone IMAGE:3633225, mRNA /gb=BC012758 /gi=15706478 /ug=Hs.356377 /len=1914	BC012758	Hs.356377	
4440	0.020388	alcohol dehydrogenase 5 (class III), chi polypeptide (ADH5), mRNA /cds=(163,1287) /gb=NM_000671 /gi=11496890 /ug=Hs.78989 /len=2496	NM_000671	Hs.78989	NP_000662
4453	0.02801	partial RAB18 gene for RAS-related small GTPase RAB18, exons 4-6	AJ277148		
4459	0.003563	nonerythroid beta-spectrin	L02897		
4471	0.025911	proteasome (prosome, macropain) 26S subunit, non-ATPase, 9 (PSMD9), mRNA /cds=(96,767) /gb=NM_002813 /gi=18543328 /ug=Hs.5648 /len=2338	NM_002813	Hs.5648	NP_002804
4487	0.032636	alpha-2-macroglobulin (A2M), mRNA /cds=(44,4468) /gb=NM_000014 /gi=6226959 /ug=Hs.74561 /len=4577	NM_000014	Hs.74561	NP_000005

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
4492	0.017288	UI-E-CL1-afd-f-14-0-UI.r1 UI-E-CL1 cDNA clone UI-E-CL1-afd-f-14-0-UI 5', mRNA sequence /clone=UI-E-CL1-afd-f-14-0-UI /clone_end=5' /gb=BM692513 /gi=19005771 /ug=Hs.446595 /len=624	BM692513	Hs.446595	
4496	0.013394	proteasome (prosome, macropain) subunit, beta type, 5 (PSMB5), mRNA /cds=(20,811) /gb=NM_002797 /gi=22538468 /ug=Hs.261927 /len=1050	NM_002797	Hs.261927	NP_002788
4499	0.013394	cDNA FLJ32300 fis, clone PROST2002227, highly similar to M-PHASE PHOSPHOPROTEIN 10. /gb=AK056862 /gi=16552379 /ug=Hs.201676 /len=2334	AK056862	Hs.201676	NP_005782
4508	2.03E-04	peptidyl-prolyl isomerase G (cyclophilin G) (PPIG), mRNA /cds=(158,2422) /gb=NM_004792 /gi=4758105 /ug=Hs.77965 /len=2695	NM_004792	Hs.77965	NP_004783
4514	0.043799	myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog); translocated to, 2 (MLLT2) =L13773, AF-4 mRNA,	NM_005935		NP_005926
4515	0.043799	cell recognition molecule CASPR3 (CASPR3), transcript variant 1, mRNA /cds=(408,3872) /gb=NM_033655 /gi=16306508 /ug=Hs.212839 /len=5017	NM_033655	Hs.212839	NP_387504
4522	0.00587	collagen, type IV, alpha 1 (COL4A1), mRNA /cds=(130,5139) /gb=NM_001845 /gi=17017989 /ug=Hs.119129 /len=6447	NM_001845	Hs.119129	NP_001836
4531	0.001878	erythrocyte membrane protein band 4.1-like 2 (EPB41L2), mRNA /cds=(45,3062) /gb=NM_001431 /gi=4503578 /ug=Hs.7857 /len=4336	NM_001431	Hs.7857	NP_001422
4532	0.047031	endonuclease/reverse transCRiptase [Mus musculus]	AAC53542		
4554	0.012276	integral membrane protein 2B (ITM2B), mRNA /cds=(171,971) /gb=NM_021999 /gi=11527401 /ug=Hs.239625 /len=1843	NM_021999	Hs.239625	NP_068839
4555	0.032636	P13-kinase associated p85 mRNA	M61906		NP_852556
4556	0.014599	phosphorylase, glycogen; liver (Hers disease, glycogen storage disease type VI) (PYGL), mRNA /cds=(52,2595) /gb=NM_002863 /gi=4506352 /ug=Hs.771 /len=2643	NM_002863	Hs.771	NP_002854

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4568	0.040751	chaperonin containing TCP1, subunit 8 (theta) (CCT8), mRNA /cds=(29,1675) /gb=NM_006585 /gi=6005726 /ug=Hs.15071 /len=1821	NM_006585	Hs.15071	NP_006576
4570	0.035177	hypothetical protein KIAA0758 protein, partial cds	AB018301		NP_056049
4576	0.040751	E-1 enzyme (MASA), mRNA /cds=(222,1007) /gb=NM_021204 /gi=10864016 /ug=Hs.18442 /len=1992	NM_021204	Hs.18442	NP_067027
4578	0.017288	N-glycanase 1 (NGLY1), mRNA /cds=(42,2006) /gb=NM_018297 /gi=21314689 /ug=Hs.63657 /len=2182	NM_018297	Hs.63657	NP_060767
4584	0.043799	Rho-associated, coiled-coil containing protein kinase 1 (ROCK1), mRNA /cds=(1,4065) /gb=NM_005406 /gi=4885582 /ug=Hs.17820 /len=4065	NM_005406	Hs.17820	NP_005397
4600	0.010277	SEC24 related gene family, member D (S. cerevisiae) (SEC24D), mRNA /cds=(201,3299) /gb=NM_014822 /gi=7662658 /ug=Hs.19822 /len=3988	NM_014822	Hs.19822	NP_055637
4604	0.013394	hypothetical protein FLJ21007 (FLJ21007), mRNA /cds=(258,2213) /gb=NM_030794 /gi=13540575 /ug=Hs.1975 /len=2501	NM_030794	Hs.1975	NP_110421
4606	0.023945	cDNA FLJ33609 fis, clone BRAMY2015890. /gb=AK090928 /gi=21749183 /ug=Hs.433138 /len=2951	AK090928	Hs.433138	
4613	0.032636	cold shock domain protein A (CSDA), mRNA /cds=(195,1313) /gb=NM_003651 /gi=21359983 /ug=Hs.198726 /len=1931	NM_003651	Hs.198726	NP_003642
4614	0.007107	sperm antigen-36	AF187554		
4617	0.025911	PTD008 protein (PTD008), mRNA /cds=(234,554) /gb=NM_016145 /gi=7706664 /ug=Hs.108969 /len=870	NM_016145	Hs.108969	NP_057229
4622	0.009388	hypothetical protein FLJ11756 (FLJ11756), mRNA /cds=(375,2795) /gb=NM_024606 /gi=24431999 /ug=Hs.27497 /len=3167	NM_024606	Hs.27497	NP_078882
4627	0.005325	proteasome (prosome, macropain) subunit, alpha type, 2 (PSMA2), mRNA /cds=(20,724) /gb=NM_002787 /gi=23110936 /ug=Hs.411773 /len=885	NM_002787	Hs.411773	NP_002778

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4629	0.020388	immediate early response 3 (IER3), transcript variant long, mRNA /cds=(30,611) /gb=NM_052815 /gi=16554596 /ug=Hs.76095 /len=1345	NM_052815	Hs.76095	NP_434702
4632	0.006463	zinc finger protein (ZNF-U69274), mRNA /cds=(162,3323) /gb=NM_014415 /gi=7657702 /ug=Hs.301956 /len=5052	NM_014415	Hs.301956	NP_055230
4633	0.002337	chromobox 3 (HP1 gamma Drosophila) (CBX3), transcript variant 2, mRNA /cds=(152,703) /gb=NM_016587 /gi=20544150 /ug=Hs.406384 /len=1851	NM_016587	Hs.406384	NP_057671
4634	0.035177	DNAJ domain-containing (MCJ), mRNA /cds=(424,876) /gb=NM_013238 /gi=7019452 /ug=Hs.45105 /len=1074	NM_013238	Hs.45105	NP_037370
4662	0.008566	CGI-128 protein (CGI-128), mRNA /cds=(36,527) /gb=NM_016062 /gi=7706342 /ug=Hs.9825 /len=670	NM_016062	Hs.9825	NP_057146
4664	0.032636	adaptor-related protein complex 3, sigma 1 subunit (AP3S1), mRNA /cds=(86,667) /gb=NM_001284 /gi=4502860 /ug=Hs.80917 /len=1271	NM_001284	Hs.80917	NP_001275
4669	0.017288	adenylyl cyclase-associated protein (CAP), mRNA /cds=(63,1490) /gb=NM_006367 /gi=10938021 /ug=Hs.104125 /len=2614	NM_006367	Hs.104125	NP_006358
4670	0.003563	UI-E-DW0-agg-j-14-0-UI.r1 UI-E-DW0 cDNA clone UI-E-DW0-agg-j-14-0-UI 5', mRNA sequence /clone=UI-E-DW0-agg-j-14-0-UI /clone_end=5' /gb=BM706185 /gi=19019443 /ug=Hs.433563 /len=949	BM706185	Hs.433563	
4673	0.020388	proteasome (prosome, macropain) subunit, beta type, 3 (PSMB3), mRNA /cds=(79,696) /gb=NM_002795 /gi=22538464 /ug=Hs.82793 /len=784	NM_002795	Hs.82793	NP_002786
4675	0.035177	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha) (PSME1), mRNA /cds=(93,842) /gb=NM_006263 /gi=5453989 /ug=Hs.75348 /len=985	NM_006263	Hs.75348	NP_788955
4676	0.015895	CDA14 (LOC51290), mRNA /cds=(89,1225) /gb=NM_016570 /gi=7706104 /ug=Hs.26813 /len=1378	NM_016570	Hs.26813	NP_057654

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
4684	0.00587	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3 (SLC25A3), nuclear gene encoding mitochondrial protein, transcript variant 1b, mRNA /cds=(49,1134) /gb=NM_002635 /gi=4505774 /ug=Hs.78713 /len=1330	NM_002635	Hs.78713	NP_005879
4685	0.014599	calumenin (CALU), mRNA /cds=(63,1010) /gb=NM_001219 /gi=6005991 /ug=Hs.7753 /len=3320	NM_001219	Hs.7753	NP_001210
4700	0.017288	DnaJ (Hsp40) subfamily B, member 4 (DNAJB4), mRNA /cds=(160,1173) /gb=NM_007034 /gi=24431959 /ug=Hs.41693 /len=2250	NM_007034	Hs.41693	NP_008965
4703	0.040751	leukotriene A4 hydrolase (LTA4H), mRNA /cds=(69,1904) /gb=NM_000895 /gi=4505028 /ug=Hs.81118 /len=2060	NM_000895	Hs.81118	NP_000886
4715	0.03788	hydroxysteroid (17-beta) dehydrogenase 12 (HSD17B12), mRNA /cds=(74,1012) /gb=NM_016142 /gi=7705854 /ug=Hs.279617 /len=2393	NM_016142	Hs.279617	NP_057226
4722	0.003563	S-phase kinase-associated protein 1A (p19A) (SKP1A), transcript variant 1, mRNA /cds=(140,622) /gb=NM_006930 /gi=25777710 /ug=Hs.171626 /len=2172	NM_006930	Hs.171626	NP_733779
4728	0.00587	pp21 (LOC51186), mRNA /cds=(263,577) /gb=NM_016303 /gi=10047099 /ug=Hs.15984 /len=1038	NM_016303	Hs.15984	NP_057387
4731	0.011238	tumor protein p53-binding protein (TP53BPL), mRNA /cds=(541,2988) /gb=NM_005802 /gi=5032190 /ug=Hs.179982 /len=3549	NM_005802	Hs.179982	NP_005793
4732	0.010277	MUF1 protein (MUF1), mRNA /cds=(1,1854) /gb=NM_006369 /gi=5453747 /ug=Hs.172210 /len=2165	NM_006369	Hs.172210	NP_006360
4735	0.011238	spectrin beta protein (pAZSP 3' end)	X91849		
4747	0.015895	leucine zipper transcription factor-like 1 (LZTFL1), mRNA /cds=(125,1024) /gb=NM_020347 /gi=9966792 /ug=Hs.30824 /len=3384	NM_020347	Hs.30824	NP_065080
4759	0.017288	clone IMAGE:4432159, mRNA /gb=BC032437 /gi=21595543 /ug=Hs.249247 /len=2309	BC032437	Hs.249247	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
4766	0.009388	DnaJ (Hsp40) subfamily C, member 8 (DNAJC8), mRNA /cds=(8,802) /gb=NM_014280 /gi=7657610 /ug=Hs.433540 /len=1525	NM_014280	Hs.433540	NP_055095
4775	0.030249	glutathione-S-transferase like; glutathione transferase omega (GSTTLp28), mRNA /cds=(10,735) /gb=NM_004832 /gi=4758483 /ug=Hs.11465 /len=793	NM_004832	Hs.11465	NP_004823
4782	0.047031	CDC-like kinase1 (CLK1), mRNA /cds=(156,1610) /gb=NM_004071 /gi=4758007 /ug=Hs.2083 /len=1834	NM_004071	Hs.2083	NP_004062
4789	0.014599	tumor protein p53 binding protein, 2 (TP53BP2), mRNA /cds=(757,3774) /gb=NM_005426 /gi=4885642 /ug=Hs.44585 /len=4534	NM_005426	Hs.44585	NP_005417
4796	0.03788	cofactor required for Sp1 transcriptional activation, subunit 2, 150kDa (CRSP2), mRNA /cds=(120,4484) /gb=NM_004229 /gi=4758101 /ug=Hs.407604 /len=7984	NM_004229	Hs.407604	NP_004220
4801	0.003947	growth hormone inducible transmembrane protein (GHITM), mRNA /cds=(130,1089) /gb=NM_014394 /gi=7657479 /ug=Hs.433957 /len=2374	NM_014394	Hs.433957	NP_055209
4804	0.035177	receptor-associated protein of the synapse, 43kD (RAPSN), transcript variant 1, mRNA /cds=(215,1453) /gb=NM_005055 /gi=15619012 /ug=Hs.81218 /len=1664	NM_005055	Hs.81218	NP_116034
4807	0.003947	glypican 6 (GPC6), mRNA /cds=(616,2283) /gb=NM_005708 /gi=8051601 /ug=Hs.118407 /len=2760	NM_005708	Hs.118407	NP_005699
4809	0.02801	matrilin 1, cartilage matrix protein (MATN1), mRNA /cds=(490,1980) /gb=NM_002379 /gi=13518035 /ug=Hs.150366 /len=2414	NM_002379	Hs.150366	NP_002370
4832	0.035177	putative membrane protein (LOC54499), mRNA /cds=(139,705) /gb=NM_019026 /gi=24308132 /ug=Hs.93832 /len=1186	NM_019026	Hs.93832	NP_061899
4838	0.043799	protein tyrosine phosphatase, receptor type, K (PTPRK), mRNA /cds=(221,4543) /gb=NM_002844 /gi=18860901 /ug=Hs.79005 /len=5982	NM_002844	Hs.79005	NP_002835

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
4846	0.047031	thioredoxin related protein (MGC3178), mRNA /cds=(82,1056) /gb=NM_030810 /gi=13540603 /ug=Hs.6101 /len=2712	NM_030810	Hs.6101	NP_110437
4882	0.043799	CGI-125 protein (CGI-125), mRNA /cds=(79,474) /gb=NM_016060 /gi=7705591 /ug=Hs.27289 /len=1196	NM_016060	Hs.27289	NP_057144
4885	0.003213	clone alpha_est218/52C1 mRNA sequence /gb=AF001542 /gi=2529714 /ug=Hs.356442 /len=2992	AF001542	Hs.356442	
4904	0.035177	tj44d11.x1 Soares_NSF_F8_9W_OT_PA_P_S1 cDNA clone IMAGE:2144373 3' similar to gb:Y00716 COMPLEMENT FACTOR H PRECURSOR mRNA sequence /clone=IMAGE:2144373 /clone_end=3' /gb=AI470482 /gi=4332572 /ug=Hs.387691 /len=384	AI470482	Hs.387691	
4919	0.015895	KIAA0436 mRNA, partial cds. /cds=(1,2070) /gb=AB007896 /gi=2662152 /ug=Hs.110 /len=4661	AB007896	Hs.110	
4925	0.030249	tm68a09.x1 NCI_CGAP_Brn25 cDNA clone IMAGE:2163256 3', mRNA sequence /clone=IMAGE:2163256 /clone_end=3' /gb=AI498805 /gi=4390787 /ug=Hs.436349 /len=460	AI498805	Hs.436349	
4941	0.023945	mRNA; cDNA DKFZp451P176 (from clone DKFZp451P176) /gb=AL832365 /gi=21732928 /ug=Hs.159471 /len=5559	AL832365	Hs.159471	
4944	0.025911	hypothetical protein FLJ20452 (FLJ20452), mRNA /cds=(15,614) /gb=NM_017828 /gi=21361660 /ug=Hs.351327 /len=1948	NM_017828	Hs.351327	NP_060298
4946	0.02801	myosin, light polypeptide 6, alkali, smooth muscle and non-muscle (MYL6), transcript variant 3, mRNA /cds=(41,514) /gb=NM_079425 /gi=17986263 /ug=Hs.77385 /len=717	NM_079425	Hs.77385	NP_524149
4950	0.010277	mRNA for KIAA1865 protein, partial cds. /cds=(622,2793) /gb=AB058768 /gi=14017946 /ug=Hs.179260 /len=3641	AB058768	Hs.179260	
4951	0.020388	PAI-1 mRNA-binding protein (PAI-RBP1), mRNA /cds=(86,1249) /gb=NM_015640 /gi=7661625 /ug=Hs.165998 /len=2201	NM_015640	Hs.165998	NP_056455

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
4962	0.018784	mRNA for KIAA1320 protein, partial cds. /cds=(2051,3754) /gb=AB037741 /gi=7243020 /ug=Hs.117414 /len=5321	AB037741	Hs.117414	
4992	0.014599	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) (TFPI), mRNA /cds=(1,915) /gb=NM_006287 /gi=6715569 /ug=Hs.170279 /len=915	NM_006287	Hs.170279	NP_006278
4999	0.04244	mRNA for KIAA0592 protein, partial cds. /cds=(1,4062) /gb=AB011164 /gi=3043707 /ug=Hs.439367 /len=4623	AB011164	Hs.439367	
5000	0.003563	diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor) (DTR), mRNA /cds=(262,888) /gb=NM_001945 /gi=4503412 /ug=Hs.799 /len=2360	NM_001945	Hs.799	NP_001936
5005	0.007107	ankyrin repeat and SOCS box-containing 1 (ASB1), mRNA /cds=(87,1094) /gb=NM_016114 /gi=22208961 /ug=Hs.153489 /len=6798	NM_016114	Hs.153489	NP_057198
5012	0.006463	ATP synthase, H transporting, mitochondrial F0 complex, subunit e (ATP5I), mRNA /cds=(64,273) /gb=NM_007100 /gi=6005716 /ug=Hs.85539 /len=336	NM_007100	Hs.85539	NP_009031
5018	0.012276	mRNA; cDNA DKFZp762B195 (from clone DKFZp762B195) /gb=AL359585 /gi=8655645 /ug=Hs.356766 /len=2183	AL359585	Hs.356766	
5019	0.004367	desmin (DES), mRNA /cds=(81,1490) /gb=NM_001927 /gi=18105049 /ug=Hs.279604 /len=2236	NM_001927	Hs.279604	NP_001918
5022	0.020388	ORM1-like 3 (S. cerevisiae) (ORMDL3), mRNA /cds=(141,602) /gb=NM_139280 /gi=27544926 /ug=Hs.374824 /len=2109	NM_139280	Hs.374824	NP_644809
5054	0.018784	topoisomerase (DNA) III beta (TOP3B), mRNA /cds=(445,3033) /gb=NM_003935 /gi=20357524 /ug=Hs.194685 /len=3133	NM_003935	Hs.194685	NP_003926
5056	0.023945	hypothetical protein FLJ20255 (FLJ20255), mRNA /cds=(146,1090) /gb=NM_017728 /gi=8923229 /ug=Hs.15797 /len=1769	NM_017728	Hs.15797	NP_060198

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
5085	0.020388	paralemmin (PALM), mRNA /cds=(146,1309) /gb=NM_002579 /gi=4557041 /ug=Hs.78482 /len=2823	NM_002579	Hs.78482	NP_002570
5164	0.00587	nucleolar protein 5A (56kDa with KKE/D repeat) (NOL5A), mRNA /cds=(22,1830) /gb=NM_006392 /gi=5453793 /ug=Hs.296585 /len=1973	NM_006392	Hs.296585	NP_006383
5168	0.03788	nucleolar protein ANKT (ANKT), mRNA /cds=(713,1393) /gb=NM_016359 /gi=7705950 /ug=Hs.279905 /len=2268	NM_016359	Hs.279905	NP_060924
5170	0.03788	glioblastoma amplified sequence (GBAS), mRNA /cds=(9,869) /gb=NM_001483 /gi=4503936 /ug=Hs.152707 /len=1975	NM_001483	Hs.152707	NP_001474
5174	0.030249	plasminogen activator inhibitor-1	J03764		
5176	0.047031	mRNA for KIAA0379 protein, partial cds. /cds=(1,3181) /gb=AB002377 /gi=6634024 /ug=Hs.32556 /len=4408	AB002377	Hs.32556	
5198	0.011238	platelet derived growth factor C (PDGFC), mRNA /cds=(492,1529) /gb=NM_016205 /gi=9994186 /ug=Hs.43080 /len=3007	NM_016205	Hs.43080	NP_057289
5203	0.032636	autocrine motility factor receptor (AMFR), transcript variant 1, mRNA /cds=(66,1997) /gb=NM_001144 /gi=21071000 /ug=Hs.80731 /len=3453	NM_001144	Hs.80731	NP_620408
5206	6.56E-04	CAAX box 1 (CXX1), mRNA /cds=(335,964) /gb=NM_003928 /gi=4503180 /ug=Hs.250708 /len=1209	NM_003928	Hs.250708	NP_003919
5213	0.014599	H3 histone, family 3A (H3F3A), mRNA /cds=(116,526) /gb=NM_002107 /gi=22027640 /ug=Hs.181307 /len=1047	NM_002107	Hs.181307	NP_002098
5224	0.014599	ubiquitously-expressed transcript (UXT), transcript variant 1, mRNA /cds=(155,664) /gb=NM_153477 /gi=24041017 /ug=Hs.172791 /len=734	NM_153477	Hs.172791	NP_705582
5236	0.030249	mitochondrial ribosomal protein L20 (MRPL20), nuclear gene encoding mitochondrial protein, mRNA /cds=(65,514) /gb=NM_017971 /gi=26638656 /ug=Hs.182698 /len=705	NM_017971	Hs.182698	NP_060441

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
5239	0.022106	zinc-finger protein AY163807 (HSPC055), mRNA /cds=(199,3114) /gb=NM_014153 /gi=27414496 /ug=Hs.179898 /len=3859	NM_014153	Hs.179898	NP_054872
5240	0.014599	karyopherin (importin) beta 3 (KPNB3), mRNA /cds=(139,3486) /gb=NM_002271 /gi=24797085 /ug=Hs.113503 /len=5977	NM_002271	Hs.113503	NP_002262
5242	0.005325	CDK2-associated protein 1 (CDK2AP1), mRNA /cds=(523,870) /gb=NM_004642 /gi=17978492 /ug=Hs.433201 /len=1627	NM_004642	Hs.433201	NP_004633
5243	0.02801	chromosome 14 open reading frame 2 (C14orf2), mRNA /cds=(61,237) /gb=NM_004894 /gi=4758939 /ug=Hs.109052 /len=627	NM_004894	Hs.109052	NP_004885
5250	0.017288	SFRS protein kinase 1 (SRPK1), mRNA /cds=(10,1974) /gb=NM_003137 /gi=15834623 /ug=Hs.75761 /len=4244	NM_003137	Hs.75761	NP_003128
5258	0.018784	testis derived transcript (3 LIM domains) (TES), transcript variant 1, mRNA /cds=(182,1447) /gb=NM_015641 /gi=23238186 /ug=Hs.165986 /len=2766	NM_015641	Hs.165986	NP_690042
5305	0.03788	cleavage and polyadenylation specific factor 6, 68kDa (CPSF6), mRNA /cds=(35,1690) /gb=NM_007007 /gi=5901927 /ug=Hs.64542 /len=3426	NM_007007	Hs.64542	NP_008938
5309	0.005325	bone sialoprotein (BNSP) gene	L24759		
5320	0.047031	mRNA; cDNA DKFZp564O0122 (from clone DKFZp564O0122) /gb=AL049951 /gi=4884198 /ug=Hs.22370 /len=1727	AL049951	Hs.22370	
5329	0.015895	dolichyl-diphosphooligosaccharide-protein glycosyltransferase (DDOST), mRNA /cds=(60,1430) /gb=NM_005216 /gi=20070196 /ug=Hs.34789 /len=2045	NM_005216	Hs.34789	NP_005207
5348	0.006463	KIAA0066 mRNA, partial cds /cds=(1,2948) /gb=D31886 /gi=505099 /ug=Hs.227881 /len=3635	D31886	Hs.227881	
5365	0.005325	cDNA FLJ31667 fis, clone NT2RI2004840. /gb=AK056229 /gi=16551572 /ug=Hs.48692 /len=2052	AK056229	Hs.48692	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
5366	0.011238	glucagon (GCG), mRNA /cds=(100,642) /gb=NM_002054 /gi=20302161 /ug=Hs.423901 /len=1128	NM_002054	Hs.423901	NP_002045
5374	0.023945	ribosomal protein L10 (RPL10), mRNA /cds=(42,686) /gb=NM_006013 /gi=15718685 /ug=Hs.412900 /len=2188	NM_006013	Hs.412900	NP_006004
5388	0.006463	peroxiredoxin 1 (PRDX1), mRNA /cds=(61,660) /gb=NM_002574 /gi=4505590 /ug=Hs.180909 /len=937	NM_002574	Hs.180909	NP_002565
5392	0.030249	clone IMAGE:5398100, mRNA /gb=BC035584 /gi=23273438 /ug=Hs.407477 /len=1570	BC035584	Hs.407477	
5393	0.020388	ubiquitination factor E4B (UFD2 yeast) (UBE4B), mRNA /cds=(86,3994) /gb=NM_006048 /gi=5174482 /ug=Hs.24594 /len=5314	NM_006048	Hs.24594	NP_006039
5394	0.032636	hypothetical protein FLJ11294 (FLJ11294), mRNA /cds=(160,4170) /gb=NM_018383 /gi=19923528 /ug=Hs.107000 /len=4602	NM_018383	Hs.107000	NP_060853
5406	0.007107	autism susceptibility candidate 2 (AUTS2), mRNA /cds=(322,4101) /gb=NM_015570 /gi=17864089 /ug=Hs.32168 /len=5972	NM_015570	Hs.32168	NP_056385
5412	0.003947	SRY (sex determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal) (SOX9), mRNA /cds=(373,1902) /gb=NM_000346 /gi=4557852 /ug=Hs.2316 /len=3936	NM_000346	Hs.2316	NP_000337
5414	0.010277	mRNA; cDNA DKFZp313L1834 (from clone DKFZp313L1834) /gb=AL832699 /gi=21733278 /ug=Hs.336446 /len=2883	AL832699	Hs.336446	
5417	0.040751	hypothetical protein FLJ10707 (FLJ10707), mRNA /cds=(192,2966) /gb=NM_018187 /gi=8922606 /ug=Hs.7187 /len=3334	NM_018187	Hs.7187	NP_060657
5421	0.04244	cDNA FLJ35247 fis, clone PROST2003517, weakly similar to zinc finger protein dp mRNA. /gb=AK092566 /gi=21751188 /ug=Hs.102951 /len=2724	AK092566	Hs.102951	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
5422	0.003947	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived); ribosomal protein S30 (FAU), mRNA /cds=(106,507) /gb=NM_001997 /gi=17981709 /ug=Hs.177415 /len=574	NM_001997	Hs.177415	NP_001988
5428	0.043799	proteasome (prosome, macropain) subunit, beta type, 7 (PSMB7), mRNA /cds=(18,851) /gb=NM_002799 /gi=23110926 /ug=Hs.433434 /len=1012	NM_002799	Hs.433434	NP_002790
5431	0.009388	thymine-DNA glycosylase (TDG), mRNA /cds=(400,1632) /gb=NM_003211 /gi=4507422 /ug=Hs.173824 /len=3410	NM_003211	Hs.173824	NP_003202
5433	0.032636	actin related protein 2/3 complex, subunit 5, 16kDa (ARPC5), mRNA /cds=(192,647) /gb=NM_005717 /gi=23238212 /ug=Hs.82425 /len=2000	NM_005717	Hs.82425	NP_005708
5435	0.002602	prolylcarboxypeptidase (angiotensinase C) (PRCP), mRNA /cds=(30,1520) /gb=NM_005040 /gi=4826939 /ug=Hs.75693 /len=2060 .	NM_005040	Hs.75693	NP_005031
5448	0.040751	eukaryotic translation initiation factor 4A, isoform 2 (EIF4A2), mRNA /cds=(16,1239) /gb=NM_001967 /gi=9945313 /ug=Hs.173912 /len=1864	NM_001967	Hs.173912	NP_001958
5449	0.003947	mRNA; cDNA DKFZp667D2123 (from clone DKFZp667D2123) /gb=AL832786 /gi=21733368 /ug=Hs.283643 /len=3000	AL832786	Hs.283643	
5467	0.003213	DKFZp586L0218 (from clone DKFZp586L0218)	AL049383		NP_004841
5468	0.010277	Deleted in split-hand/split-foot 1 region (DSS1), mRNA /cds=(129,341) /gb=NM_006304 /gi=5453639 /ug=Hs.333495 /len=509	NM_006304	Hs.333495	NP_006295
5469	0.023945	hypothetical protein FLJ21432 (FLJ21432), mRNA /cds=(110,886) /gb=NM_024551 /gi=13375714 /ug=Hs.334854 /len=3500	NM_024551	Hs.334854	NP_078827
5472	0.047031	PR domain containing 10 (PRDM10), mRNA /cds=(217,3402) /gb=NM_020228 /gi=9910503 /ug=Hs.275086 /len=6010	NM_020228	Hs.275086	NP_064613

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
5489	0.030249	DKFZP566H073 protein (DKFZP566H073), mRNA /cds=(450,1502) /gb=NM_015528 /gi=14149701 /ug=Hs.7158 /len=1723	NM_015528	Hs.7158	NP_056343
5499	0.007107	adaptor-related protein complex 2, sigma 1 subunit (AP2S1), transcript variant AP17, mRNA /cds=(71,499) /gb=NM_004069 /gi=11038644 /ug=Hs.119591 /len=781	NM_004069	Hs.119591	NP_067586
5502	0.003213	AGENCOURT_6626032 NIH_MGC_116 cDNA clone IMAGE:5758987 5', mRNA sequence /clone=IMAGE:5758987 /clone_end=5' /gb=BM923381 /gi=19373760 /ug=Hs.437001 /len=1729	BM923381	Hs.437001	
5504	0.007807	hypothetical protein FLJ22329 (FLJ22329), mRNA /cds=(36,767) /gb=NM_024656 /gi=13375904 /ug=Hs.367653 /len=2501	NM_024656	Hs.367653	NP_078932
5521	0.030249	papillomavirus L2 interacting nuclear protein 1 (PLINP-1), mRNA /cds=(1,669) /gb=NM_052850 /gi=18959277 /ug=Hs.83135 /len=669	NM_052850	Hs.83135	NP_443082
5547	0.02801	hypothetical protein MGC31967 (MGC31967), mRNA /cds=(67,918) /gb=NM_174923 /gi=28316809 /ug=Hs.277026 /len=936	NM_174923	Hs.277026	NP_777583
5578	0.001339	ATP synthase, H transporting, mitochondrial F1 complex, beta polypeptide (ATP5B), nuclear gene encoding mitochondrial protein, mRNA /cds=(46,1665) /gb=NM_001686 /gi=4502294 /ug=Hs.406510 /len=1807	NM_001686	Hs.406510	NP_001677
5580	0.047031	PTK9L protein tyrosine kinase 9-like (A6-related protein) (PTK9L), mRNA /cds=(105,1154) /gb=NM_007284 /gi=6005845 /ug=Hs.6780 /len=1574	NM_007284	Hs.6780	NP_009215
5590	0.002337	eukaryotic translation initiation factor 4E like 3 (EIF4EL3), mRNA /cds=(15,752) /gb=NM_004846 /gi=4757701 /ug=Hs.19122 /len=974	NM_004846	Hs.19122	NP_004837
5591	0.014599	SEC22 vesicle trafficking protein-like 3 (S. cerevisiae) (SEC22L3), transcript variant 2, mRNA /cds=(119,871) /gb=NM_004206 /gi=21536310 /ug=Hs.12942 /len=1519	NM_004206	Hs.12942	NP_116752

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
5620	0.020388	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6 (SLC25A6), nuclear gene encoding mitochondrial protein, mRNA /cds=(93,989) /gb=NM_001636 /gi=27764862 /ug=Hs.407372 /len=1455	NM_001636	Hs.407372	NP_001627
5629	0.017288	follistatin (FST), transcript variant FST317, mRNA /cds=(28,981) /gb=NM_006350 /gi=7242223 /ug=Hs.9914 /len=1386	NM_006350	Hs.9914	NP_037541
5635	0.014599	mRNA for KIAA0251 gene, partial cds. /cds=(1,2464) /gb=D87438 /gi=2055294 /ug=Hs.343566 /len=3875	D87438	Hs.343566	
5639	5.79E-04	mitogen-activated protein kinase 7 (MAPK7), transcript variant 1, mRNA /cds=(355,2805) /gb=NM_139033 /gi=20986500 /ug=Hs.3080 /len=3113	NM_139033	Hs.3080	NP_620603
5644	0.014599	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) (ITGB1), transcript variant 1A, mRNA /cds=(127,2523) /gb=NM_002211 /gi=19743812 /ug=Hs.287797 /len=3700	NM_002211	Hs.287797	NP_596867
5650	0.011238	small cytoplasmic Y RNA (Y4) (=X57566 hy4 Ro RNA (associated with erythrocyte Ro RNP's))	L32608		
5653	0.011238	glypican 3 (GPC3), mRNA /cds=(191,1933) /gb=NM_004484 /gi=5360213 /ug=Hs.119651 /len=2382	NM_004484	Hs.119651	NP_004475
5656	0.047031	calcium channel, voltage-dependent, beta 1 subunit (CACNB1), mRNA /cds=(150,1940) /gb=NM_000723 /gi=19923118 /ug=Hs.635 /len=3658	NM_000723	Hs.635	NP_000714
5657	0.010277	ATPase, H transporting, lysosomal (vacuolar proton pump) membrane sector associated protein M8-9 (ATP6M8-9), mRNA /cds=(103,1155) /gb=NM_005765 /gi=15011917 /ug=Hs.183434 /len=2044	NM_005765	Hs.183434	NP_005756
5665	0.010277	golgi associated, gamma adaptin ear containing, ARF binding protein 3 (GGA3), transcript variant long, mRNA /cds=(10,2181) /gb=NM_138619 /gi=20336266 /ug=Hs.87726 /len=3860	NM_138619	Hs.87726	NP_619525

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
5669	0.043799	membrane protein, palmitoylated 1, 55kDa (MPP1), mRNA /cds=(116,1516) /gb=NM_002436 /gi=6006024 /ug=Hs.1861 /len=2001	NM_002436	Hs.1861	NP_002427
5670	0.043799	suppressor of cytokine signaling 1 (SOCS1), mRNA /cds=(155,790) /gb=NM_003745 /gi=4507232 /ug=Hs.50640 /len=1216	NM_003745	Hs.50640	NP_003736
5674	0.003213	peroxisome biogenesis factor 1 (PEX1), mRNA /cds=(61,3912) /gb=NM_000466 /gi=4505724 /ug=Hs.99847 /len=4343	NM_000466	Hs.99847	NP_000457
5675	0.018784	EST (aa17f08.r1 Soares NhHMPu S1 clone 813543 5')	AA455618		
5697	0.00168	furin (paired basic amino acid cleaving enzyme) (FURIN), mRNA /cds=(217,2601) /gb=NM_002569 /gi=20336193 /ug=Hs.59242 /len=4180	NM_002569	Hs.59242	NP_002560
5698	0.040751	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 (SERPINA1), mRNA /cds=(233,1489) /gb=NM_000295 /gi=21361197 /ug=Hs.297681 /len=1584	NM_000295	Hs.297681	NP_000286
5701	0.023945	mitochondrion, complete genome	NC_001807		
5709	0.004367	clone IMAGE:4993796, mRNA /gb=BC040073 /gi=25455647 /ug=Hs.322437 /len=2265	BC040073	Hs.322437	
5724	0.00168	proliferation-associated 2G4, 38kDa (PA2G4), mRNA /cds=(98,1282) /gb=NM_006191 /gi=5453841 /ug=Hs.374491 /len=1697	NM_006191	Hs.374491	NP_006182
5744	0.001339	DNA segment on chromosome X (unique) 9928 expressed sequence (DXS9928E), mRNA /cds=(76,1095) /gb=NM_004699 /gi=4758219 /ug=Hs.54277 /len=1311	NM_004699	Hs.54277	NP_004690
5746	0.032636	glypican 1 (GPC1), mRNA /cds=(222,1898) /gb=NM_002081 /gi=4504080 /ug=Hs.2699 /len=3692	NM_002081	Hs.2699	NP_002072
5755	0.040751	paraoxonase 2 (PON2), mRNA /cds=(33,1097) /gb=NM_000305 /gi=4505952 /ug=Hs.169857 /len=1600	NM_000305	Hs.169857	NP_000296
5758	0.047031	STIP1 and U-Box containing protein 1 (STUB1), mRNA /cds=(57,968) /gb=NM_005861 /gi=5031962 /ug=Hs.25197 /len=1226	NM_005861	Hs.25197	NP_005852

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
5769	0.002096	cDNA: FLJ21561 fis, clone COL06415. /gb=AK025214 /gi=10437681 /ug=Hs.96918 /len=1641	AK025214	Hs.96918	
5777	0.020388	cathepsin L (CTSL), transcript variant 1, mRNA /cds=(345,1346) /gb=NM_001912 /gi=22202617 /ug=Hs.78056 /len=1632	NM_001912	Hs.78056	NP_666023
5781	0.002893	hect domain and RLD 3 (HERC3), mRNA /cds=(167,3319) /gb=NM_014606 /gi=7657151 /ug=Hs.35804 /len=4894	NM_014606	Hs.35804	NP_055421
5818	0.015895	CDC28 protein kinase regulatory subunit 1B (CKS1B), mRNA /cds=(10,249) /gb=NM_001826 /gi=4502856 /ug=Hs.348669 /len=717	NM_001826	Hs.348669	NP_001817
5821	0.02801	ribosomal protein L11 (RPL11), mRNA /cds=(21,557) /gb=NM_000975 /gi=15431289 /ug=Hs.388664 /len=609	NM_000975	Hs.388664	NP_000966
5826	0.018784	ribosomal protein L13a (RPL13A), mRNA /cds=(23,634) /gb=NM_012423 /gi=14591905 /ug=Hs.389335 /len=1142	NM_012423	Hs.389335	NP_036555
5834	0.035177	myosin IE (MYO1E), mRNA /cds=(376,3705) /gb=NM_004998 /gi=4826843 /ug=Hs.82251 /len=4666	NM_004998	Hs.82251	NP_004989
5837	0.02801	GK001 protein (GK001), mRNA /cds=(185,1636) /gb=NM_020198 /gi=9910241 /ug=Hs.8207 /len=3294	NM_020198	Hs.8207	NP_064583
5844	0.007807	ATP synthase, H transporting, mitochondrial F0 complex, subunit e (ATP5I), mRNA /cds=(64,273) /gb=NM_007100 /gi=6005716 /ug=Hs.85539 /len=336	NM_007100	Hs.85539	NP_009031
5868	0.043799	serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1 (SERPINE1), mRNA /cds=(76,1284) /gb=NM_000602 /gi=10835158 /ug=Hs.82085 /len=2876	NM_000602	Hs.82085	NP_000593
5880	0.012276	amyloid beta precursor protein (cytoplasmic tail) binding protein 2 (APPBP2), mRNA /cds=(289,2046) /gb=NM_006380 /gi=18104961 /ug=Hs.84084 /len=6468	NM_006380	Hs.84084	NP_006371
5903	5.79E-04	dinucleotide miCRosatellite HUJII77	M96348		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
5905	0.03788	protein phosphatase 2 (formerly 2A), regulatory subunit B", alpha (PPP2R3A), mRNA /cds=(505,3957) /gb=NM_002718 /gi=19923228 /ug=Hs.28219 /len=5217	NM_002718	Hs.28219	NP_002709
5912	0.043799	CGI-149 protein (CGI-149), mRNA /cds=(19,687) /gb=NM_016079 /gi=7706352 /ug=Hs.189658 /len=3064	NM_016079	Hs.189658	NP_057163
5939	0.005325	BTAF1 RNA polymerase II, B-TFIID transcription factor-associated, 170kDa (Mot1 S. cerevisiae) (BTAF1), mRNA /cds=(118,5667) /gb=NM_003972 /gi=27477069 /ug=Hs.180930 /len=6345	NM_003972	Hs.180930	NP_003963
5955	0.032636	glucan (1,4-alpha-), branching enzyme 1 (glycogen branching enzyme, Andersen disease, glycogen storage disease type IV) (GBE1), mRNA /cds=(79,2187) /gb=NM_000158 /gi=4557618 /ug=Hs.1691 /len=2913	NM_000158	Hs.1691	NP_000149
5974	0.043799	KIAA0266 gene product (KIAA0266), mRNA /cds=(734,3034) /gb=NM_021645 /gi=11063982 /ug=Hs.127376 /len=5585	NM_021645	Hs.127376	NP_067677
5976	0.007807	ox06a01.s1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:1655496 3' similar to gb:M86849 GAP JUNCTION BETA-2 PROTEIN mRNA sequence /clone=IMAGE:1655496 /clone_end=3' /gb=AI033469 /gi=3254422 /ug=Hs.386279 /len=551	AI033469	Hs.386279	
5980	0.015895	MCM6 minichromosome maintenance deficient 6 (MIS5 S. pombe) (S. cerevisiae) (MCM6), mRNA /cds=(56,2521) /gb=NM_005915 /gi=24431964 /ug=Hs.155462 /len=3744	NM_005915	Hs.155462	NP_005906
5982	0.047031	neuron navigator 1 (NAV1), mRNA /cds=(348,5972) /gb=NM_020443 /gi=27262621 /ug=Hs.6298 /len=11365	NM_020443	Hs.6298	NP_065176
5986	0.040751	zinc finger and BTB domain containing 1 (ZBTB1), mRNA /cds=(263,2197) /gb=NM_014950 /gi=7662437 /ug=Hs.372699 /len=3990	NM_014950	Hs.372699	NP_055765

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5988	0.001193	aldehyde dehydrogenase 1 family, member A3 (ALDH1A3), mRNA /cds=(53,1591) /gb=NM_000693 /gi=4502040 /ug=Hs.75746 /len=3442	NM_000693	Hs.75746	NP_000684
5991	0.030249	coagulation factor V (proaccelerin, labile factor) (F5), mRNA /cds=(98,6772) /gb=NM_000130 /gi=10518500 /ug=Hs.30054 /len=6914	NM_000130	Hs.30054	NP_000121
6006	0.049079	ribosomal protein L23a (RPL23A), mRNA /cds=(22,492) /gb=NM_000984 /gi=17105393 /ug=Hs.419463 /len=546	NM_000984	Hs.419463	NP_000975
6015	0.023945	KIAA0373 gene product (KIAA0373), mRNA /cds=(1181,5800) /gb=NM_014684 /gi=7662079 /ug=Hs.150444 /len=5967	NM_014684	Hs.150444	NP_055499
6029	0.030249	high-glucose-regulated protein 8 (HGRG8), mRNA /cds=(151,1863) /gb=NM_016258 /gi=7705410 /ug=Hs.20993 /len=2730	NM_016258	Hs.20993	NP_057342
6049	0.035177	chromobox 1 (HP1 beta Drosophila) (CBX1), mRNA /cds=(292,849) /gb=NM_006807 /gi=21359877 /ug=Hs.77254 /len=2242	NM_006807	Hs.77254	NP_006798
6052	0.007107	thioredoxin (TXN), mRNA /cds=(64,381) /gb=NM_003329 /gi=4507744 /ug=Hs.432922 /len=501	NM_003329	Hs.432922	NP_003320
6058	0.003213	mRNA for KIAA0276 gene, partial cds. /cds=(1,932) /gb=D87466 /gi=1665816 /ug=Hs.240112 /len=4185	D87466	Hs.240112	
6062	0.032636	zinc finger protein (ZNF141)	L15309		NP_003432
6064	0.004825	actin related protein 2/3 complex, subunit 3, 21kDa (ARPC3), mRNA /cds=(94,630) /gb=NM_005719 /gi=23397667 /ug=Hs.293750 /len=912	NM_005719	Hs.293750	NP_005710
6069	0.040751	stress-associated endoplasmic reticulum protein 1; ribosome associated membrane protein 4 (SERP1), mRNA /cds=(316,516) /gb=NM_014445 /gi=19923408 /ug=Hs.76698 /len=2488	NM_014445	Hs.76698	NP_055260
6079	0.015895	extracellular matrix protein 2, female organ and adipocyte specific (ECM2), mRNA /cds=(74,2173) /gb=NM_001393 /gi=4557542 /ug=Hs.35094 /len=3171	NM_001393	Hs.35094	NP_001384

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6092	0.002893	hypothetical protein (KIAA0128)	D50918		NP_665801
6112	0.009388	gp25L2 protein	X90872		NP_059980
6128	0.006463	Rab acceptor 1 (prenylated) (RABAC1), mRNA /cds=(31,588) /gb=NM_006423 /gi=5453959 /ug=Hs.11417 /len=770	NM_006423	Hs.11417	NP_006414
6144	0.018784	CSE1 chromosome segregation 1-like (yeast) (CSE1L), mRNA /cds=(124,3039) /gb=NM_001316 /gi=4503072 /ug=Hs.90073 /len=3147	NM_001316	Hs.90073	NP_803185
6145	0.009388	replication factor C (activator 1) 2, 40kDa (RFC2), mRNA /cds=(208,1272) /gb=NM_002914 /gi=4506486 /ug=Hs.139226 /len=1709	NM_002914	Hs.139226	NP_002905
6158	0.008566	lamin A	M13452		NP_733822
6166	0.035177	ribosomal protein L10 (RPL10), mRNA /cds=(42,686) /gb=NM_006013 /gi=15718685 /ug=Hs.412900 /len=2188	NM_006013	Hs.412900	NP_006004
6182	0.043799	signal sequence receptor, gamma (translocon-associated protein gamma) (SSR3), mRNA /cds=(57,614) /gb=NM_007107 /gi=6005883 /ug=Hs.28707 /len=3061	NM_007107	Hs.28707	NP_009038
6183	0.043799	actin related protein 2/3 complex, subunit 1B, 41kDa (ARPC1B), mRNA /cds=(90,1208) /gb=NM_005720 /gi=22907055 /ug=Hs.433506 /len=1520	NM_005720	Hs.433506	NP_005711
6214	0.005325	adenylosuccinate lyase(ADSL)	NM_000026		NP_000017
6223	0.018784	proteasome (prosome, macropain) subunit, alpha type, 4 (PSMA4), mRNA /cds=(137,922) /gb=NM_002789 /gi=23110940 /ug=Hs.251531 /len=1189	NM_002789	Hs.251531	NP_002780
6236	0.035177	Similar to deleted in lymphocytic leukemia, 2, clone IMAGE:4044244, mRNA /gb=BC006995 /gi=14711944 /ug=Hs.383241 /len=1150	BC006995	Hs.383241	
6260	0.004367	catenin (cadherin-associated protein), beta 1, 88kDa (CTNNB1), mRNA /cds=(215,2560) /gb=NM_001904 /gi=4503130 /ug=Hs.171271 /len=3362	NM_001904	Hs.171271	NP_001895
6263	0.040751	down-regulated in metastasis (DRIM), mRNA /cds=(145,8502) /gb=NM_014503 /gi=7657040 /ug=Hs.178614 /len=9017	NM_014503	Hs.178614	NP_055318

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
6264	0.023945	BNIP3H (BNIP3H) nuclear gene for mitochondrial product	AF255051		
6311	0.018784	peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA /cds=(45,542) /gb=NM_021130 /gi=10863926 /ug=Hs.401787 /len=753	NM_021130	Hs.401787	NP_066953
6316	0.039408	KIAA1046 protein (KIAA1046)	NM_014928		
6322	0.047031	ubiquitin specific protease 9 (USP9Y)	XM_000563		
6326	0.010277	mitochondrial ribosomal protein S31 (MRPS31), nuclear gene encoding mitochondrial protein, mRNA /cds=(22,1209) /gb=NM_005830 /gi=16950599 /ug=Hs.154655 /len=1284	NM_005830	Hs.154655	NP_005821
6329	0.011238	transforming growth factor beta-stimulated protein TSC-22 (TSC22), mRNA /cds=(192,626) /gb=NM_006022 /gi=5174728 /ug=Hs.114360 /len=1725	NM_006022	Hs.114360	NP_006013
6331	0.02801	decay accelerating factor for complement (CD55, Cromer blood group system) (DAF), mRNA /cds=(66,1211) /gb=NM_000574 /gi=10835142 /ug=Hs.1369 /len=2102	NM_000574	Hs.1369	NP_000565
6342	0.003213	oxidoreductase UCPA (LOC56898), mRNA /cds=(70,807) /gb=NM_020139 /gi=10047131 /ug=Hs.124696 /len=1048	NM_020139	Hs.124696	NP_064524
6343	0.032636	inhibitor of Bruton's tyrsoine kinase (IBTK), mRNA /cds=(420,1031) /gb=NM_015525 /gi=24308082 /ug=Hs.306425 /len=2240	NM_015525	Hs.306425	NP_056340
6347	0.011238	mitochondrion, complete genome	NC_001807		
6348	0.001193	major histocompatibility complex, class I, F (HLA-F), mRNA /cds=(1,1089) /gb=NM_018950 /gi=9665231 /ug=Hs.110309 /len=1188	NM_018950	Hs.110309	NP_061823
6354	0.026797	N-myristoyltransferase 1 (NMT1), mRNA /cds=(28,1518) /gb=NM_021079 /gi=20070182 /ug=Hs.111039 /len=4912	NM_021079	Hs.111039	NP_066565
6363	0.006508	RAS, dexamethasone-induced 1 (RASD1), mRNA /cds=(213,1058) /gb=NM_016084 /gi=22027484 /ug=Hs.25829 /len=1758	NM_016084	Hs.25829	NP_057168

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
6367	0.002096	growth arrest-specific 1 (GAS1), mRNA /cds=(411,1448) /gb=NM_002048 /gi=4503918 /ug=Hs.65029 /len=2828	NM_002048	Hs.65029	NP_002039
6383	0.025911	S100 calcium binding protein A6 (calcyclin) (S100A6), mRNA /cds=(103,375) /gb=NM_014624 /gi=9845517 /ug=Hs.275243 /len=470	NM_014624	Hs.275243	NP_055439
6403	0.003947	glyceronephosphate O-acyltransferase (GNPAT), mRNA /cds=(158,2200) /gb=NM_014236 /gi=7657133 /ug=Hs.12482 /len=2470	NM_014236	Hs.12482	NP_055051
6405	0.007807	cyclic AMP-regulated phosphoprotein (90% match)	AF112220		NP_057384
6406	0.015895	cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa (CSTF3), mRNA /cds=(132,2285) /gb=NM_001326 /gi=4557494 /ug=Hs.180034 /len=2766	NM_001326	Hs.180034	NP_001317
6407	0.005325	hypothetical protein LOC51244 (LOC51244), mRNA /cds=(340,1233) /gb=NM_016474 /gi=24475969 /ug=Hs.158006 /len=1614	NM_016474	Hs.158006	NP_057558
6411	0.00587	tubulin, gamma complex associated protein 3 (TUBGCP3), mRNA /cds=(85,2808) /gb=NM_006322 /gi=5453659 /ug=Hs.9884 /len=3795	NM_006322	Hs.9884	NP_006313
6412	0.003947	KIAA0716 gene product (KIAA0716), mRNA /cds=(192,2489) /gb=NM_014705 /gi=7662263 /ug=Hs.118140 /len=4652	NM_014705	Hs.118140	NP_055520
6419	6.56E-04	RNA helicase family (RNAH), mRNA /cds=(39,6647) /gb=NM_006828 /gi=24307916 /ug=Hs.48295 /len=7315	NM_006828	Hs.48295	NP_006819
6443	0.025911	Mlx interactor (MONDOA), mRNA /cds=(153,1733) /gb=NM_014938 /gi=7662347 /ug=Hs.52081 /len=4339	NM_014938	Hs.52081	NP_055753
6480	0.002602	cysteine-rich motor neuron 1 (CRIM1), mRNA /cds=(40,3150) /gb=NM_016441 /gi=10092638 /ug=Hs.19280 /len=5601	NM_016441	Hs.19280	NP_057525
6485	0.020388	serologically defined colon cancer antigen 8 (SDCCAG8), mRNA /cds=(1,2142) /gb=NM_006642 /gi=28269671 /ug=Hs.300642 /len=2142	NM_006642	Hs.300642	NP_006633

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6515	0.014599	defensin, beta 1 (DEFB1), mRNA /cds=(72,278) /gb=NM_005218 /gi=13124884 /ug=Hs.32949 /len=366	NM_005218	Hs.32949	NP_005209
6519	0.006463	eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa (EIF2B4), transcript variant 1, mRNA /cds=(20,1588) /gb=NM_015636 /gi=26986531 /ug=Hs.169474 /len=1643	NM_015636	Hs.169474	NP_056451
6531	0.040751	development and differentiation enhancing factor 2 (DDEF2), mRNA /cds=(341,3361) /gb=NM_003887 /gi=4502248 /ug=Hs.12802 /len=5711	NM_003887	Hs.12802	NP_003878
6536	0.03788	synaptophysin-like protein (SYPL), mRNA /cds=(34,813) /gb=NM_006754 /gi=5803184 /ug=Hs.80919 /len=2130	NM_006754	Hs.80919	NP_006745
6544	0.040751	matrix metalloproteinase 11 (stromelysin 3) (MMP11), mRNA /cds=(23,1489) /gb=NM_005940 /gi=13027795 /ug=Hs.155324 /len=2260	NM_005940	Hs.155324	NP_005931
6545	0.040751	low molecular mass ubiquinone-binding protein (9.5kD) (QP-C), nuclear gene encoding mitochondrial protein, mRNA /cds=(37,318) /gb=NM_014402 /gi=27894387 /ug=Hs.3709 /len=388	NM_014402	Hs.3709	NP_055217
6547	0.030249	sorting nexin 6 (SNX6), transcript variant 1, mRNA /cds=(498,1370) /gb=NM_021249 /gi=23111048 /ug=Hs.284291 /len=3041	NM_021249	Hs.284291	NP_689419
6549	0.003563	catenin (cadherin-associated protein), alpha 1, 102kDa (CTNNA1), mRNA /cds=(5,2728) /gb=NM_001903 /gi=4503126 /ug=Hs.177556 /len=3454	NM_001903	Hs.177556	NP_001894
6559	0.002893	kinesin-associated protein 3 (KIFAP3), mRNA /cds=(272,2650) /gb=NM_014970 /gi=18105053 /ug=Hs.171374 /len=2997	NM_014970	Hs.171374	NP_055785
6569	0.011238	tuberous sclerosis 2 (TSC2), transcript variant 1, mRNA /cds=(19,5442) /gb=NM_000548 /gi=10938006 /ug=Hs.90303 /len=5543	NM_000548	Hs.90303	NP_066400
6571	0.005325	KIAA0433 protein (KIAA0433), mRNA /cds=(510,4241) /gb=NM_015216 /gi=7662117 /ug=Hs.26179 /len=5814	NM_015216	Hs.26179	NP_056031

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
6575	0.030249	epidermal growth factor receptor pathway substrate 8 (EPS8), mRNA /cds=(210,2678) /gb=NM_004447 /gi=4758295 /ug=Hs.2132 /len=3832	NM_004447	Hs.2132	NP_004438
6578	0.017288	tumor protein p53 (Li-Fraumeni syndrome) (TP53), mRNA /cds=(252,1433) /gb=NM_000546 /gi=8400737 /ug=Hs.1846 /len=2629	NM_000546	Hs.1846	NP_000537
6589	0.003213	cytochrome c, somatic (CYCS), mRNA /cds=(61,378) /gb=NM_018947 /gi=21361707 /ug=Hs.169248 /len=3990	NM_018947	Hs.169248	NP_061820
6646	0.020388	protein phosphatase 1, regulatory (inhibitor) subunit 12A (PPP1R12A), mRNA /cds=(1,3093) /gb=NM_002480 /gi=4505316 /ug=Hs.16533 /len=4613	NM_002480	Hs.16533	NP_002471
6653	0.004825	ribosomal protein S27 (metallopanstimulin 1) (RPS27), mRNA /cds=(36,290) /gb=NM_001030 /gi=15011937 /ug=Hs.195453 /len=344	NM_001030	Hs.195453	NP_001021
6654	0.010277	pM5 protein (PM5), mRNA /cds=(1,3669) /gb=NM_014287 /gi=10947030 /ug=Hs.439182 /len=4182	NM_014287	Hs.439182	NP_055102
6663	0.020388	PRO0461 protein (PRO0461), mRNA /gb=NM_031268 /gi=20588827 /ug=Hs.25063 /len=1100	NM_031268	Hs.25063	
6678	0.03788	vesicle-associated membrane protein 8 (endobrevin) (VAMP8), mRNA /cds=(54,356) /gb=NM_003761 /gi=14043025 /ug=Hs.172684 /len=702	NM_003761	Hs.172684	NP_003752
6682	0.035177	hypothetical protein FLJ12442 (FLJ12442), mRNA /cds=(412,1974) /gb=NM_022908 /gi=12597652 /ug=Hs.84753 /len=2057	NM_022908	Hs.84753	NP_075059
6695	0.043799	histidine triad nucleotide binding protein 1 (HINT1), mRNA /cds=(108,488) /gb=NM_005340 /gi=4885412 /ug=Hs.256697 /len=641	NM_005340	Hs.256697	NP_005331
6701	0.005325	inositol 1,4,5-triphosphate receptor, type 2 (ITPR2)	NM_002223		
6702	0.006463	mRNA for KIAA0310 protein, partial cds. /cds=(1,5287) /gb=AB002308 /gi=20520992 /ug=Hs.5716 /len=6941	AB002308	Hs.5716	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
6703	8.37E-04	nuclear phosphoprotein similar to S. cerevisiae PWP1 (PWP1), mRNA /cds=(88,1593) /gb=NM_007062 /gi=5902033 /ug=Hs.172589 /len=1853	NM_007062	Hs.172589	NP_008993
6706	0.023945	adaptor-related protein complex 3, sigma 1 subunit (AP3S1), mRNA /cds=(86,667) /gb=NM_001284 /gi=4502860 /ug=Hs.80917 /len=1271	NM_001284	Hs.80917	NP_001275
6710	0.001339	clone 23611 mRNA sequence /gb=AF035311 /gi=2661073 /ug=Hs.365646 /len=2146	AF035311	Hs.365646	
6713	0.025911	cDNA FLJ23648 fis, clone COL04718. /gb=AK074228 /gi=18676772 /ug=Hs.375782 /len=2295	AK074228	Hs.375782	
6715	0.020388	KIAA0076 gene product (KIAA0076), mRNA /cds=(87,5183) /gb=NM_014780 /gi=7661893 /ug=Hs.51039 /len=5253	NM_014780	Hs.51039	NP_055595
6716	0.014599	ribosomal protein L21 (RPL21), mRNA /cds=(30,512) /gb=NM_000982 /gi=18104947 /ug=Hs.431927 /len=568	NM_000982	Hs.431927	NP_000973
6718	9.43E-04	nucleoporin 210 (NUP210), mRNA /cds=(84,5747) /gb=NM_024923 /gi=27477133 /ug=Hs.270404 /len=7191	NM_024923	Hs.270404	NP_079199
6742	0.002337	septin 6 (SEPT6), transcript variant II, mRNA /cds=(257,1561) /gb=NM_015129 /gi=22035575 /ug=Hs.90998 /len=2686	NM_015129	Hs.90998	NP_665801
6744	0.003213	ribosomal protein, large, P0 (RPLP0), transcript variant 2, mRNA /cds=(111,1064) /gb=NM_053275 /gi=16933545 /ug=Hs.406511 /len=1148	NM_053275	Hs.406511	NP_444505
6749	0.020388	histidyl-tRNA synthetase 2 (HARS2), mRNA /cds=(111,752) /gb=NM_080820 /gi=21361784 /ug=Hs.352419 /len=2396	NM_080820	Hs.352419	NP_543010
6750	0.032636	ADP-ribosylation-like factor 6 interacting protein 4 (ARL6IP4), mRNA /cds=(63,719) /gb=NM_016638 /gi=7706183 /ug=Hs.103561 /len=952	NM_016638	Hs.103561	NP_061164
6756	0.008566	KIAA1197 protein, partial cds	AB033023		NP_060493

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
6770	0.018784	FK506 binding protein 1A, 12kDa (FKBP1A), transcript variant 12B, mRNA /cds=(104,430) /gb=NM_000801 /gi=17149837 /ug=Hs.380080 /len=1578	NM_000801	Hs.380080	NP_463460
6771	0.007107	surfeit 6 (SURF6), mRNA /cds=(56,1141) /gb=NM_006753 /gi=19557701 /ug=Hs.274430 /len=2329	NM_006753	Hs.274430	NP_006744
6816	0.014599	oxysterol binding protein 1 (OSBP1) gene, exons 13 and 14, and complete cds	AF185705		
6825	0.040751	hypothetical protein MGC4400 (MGC4400), mRNA /cds=(381,1817) /gb=NM_032679 /gi=14249251 /ug=Hs.130891 /len=3067	NM_032679	Hs.130891	NP_116068
6846	0.025911	mitogen-activated protein kinase kinase kinase 7 (MAP3K7), transcript variant A, mRNA /cds=(306,2045) /gb=NM_003188 /gi=21735560 /ug=Hs.7510 /len=2912	NM_003188	Hs.7510	NP_663306
6847	0.012276	tropomodulin 3 (ubiquitous) (TMOD3), mRNA /cds=(66,1124) /gb=NM_014547 /gi=7657648 /ug=Hs.22826 /len=2072	NM_014547	Hs.22826	NP_055362
6854	7.41E-04	mRNA; cDNA DKFZp434H1235 (from clone DKFZp434H1235); partial cds /cds=(1,476) /gb=AL122071 /gi=6102868 /ug=Hs.238927 /len=2499	AL122071	Hs.238927	
6862	0.003563	golgi apparatus protein 1 (GLG1), mRNA /cds=(27,3560) /gb=NM_012201 /gi=6912389 /ug=Hs.78979 /len=3909	NM_012201	Hs.78979	NP_036333
6875	0.040751	cDNA FLJ12924 fis, clone NT2RP2004709. /gb=AK022986 /gi=10434694 /ug=Hs.38034 /len=2667	AK022986	Hs.38034	
6877	0.001339	hypothetical protein FLJ22625 (FLJ22625), mRNA /cds=(694,1776) /gb=NM_024715 /gi=21362011 /ug=Hs.106534 /len=2747	NM_024715	Hs.106534	NP_078991
6897	0.035177	FLJ14613 fis, clone NT2RP1001113, highly similar to Homo sapiens CTL2 gene /cds=UNKNOWN /gb=AK027519 /gi=14042254 /ug=Hs.105509 /len=3310	AK027519	Hs.105509	NP_065161

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
6916	0.040751	cDNA FLJ11174 fis, clone PLACE1007367. /gb=AK002036 /gi=7023674 /ug=Hs.24359 /len=2285	AK002036	Hs.24359	
6920	0.006463	thioredoxin (TXN), mRNA /cds=(64,381) /gb=NM_003329 /gi=4507744 /ug=Hs.432922 /len=501	NM_003329	Hs.432922	NP_003320
6921	0.007807	drebrin 1 (DBN1), transcript variant 2, mRNA /cds=(611,2566) /gb=NM_080881 /gi=18426912 /ug=Hs.89434 /len=3383	NM_080881	Hs.89434	NP_543157
6931	0.009388	Mov10, Moloney leukemia virus 10, (mouse) (MOV10), mRNA /cds=(71,3082) /gb=NM_020963 /gi=14211539 /ug=Hs.20725 /len=3328	NM_020963	Hs.20725	NP_066014
6941	0.032636	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2 (SMARCC2), transcript variant 1, mRNA /cds=(33,3677) /gb=NM_003075 /gi=21237804 /ug=Hs.236030 /len=4039	NM_003075	Hs.236030	NP_620706
6942	0.002337	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(63,1451) /gb=NM_001402 /gi=25453469 /ug=Hs.422118 /len=1837	NM_001402	Hs.422118	NP_001393
6951	0.047031	DKFZP434B103 protein (DKFZP434B103), mRNA /cds=(892,1950) /gb=NM_015644 /gi=7661563 /ug=Hs.355920 /len=2553	NM_015644	Hs.355920	NP_056459
6984	0.032636	follistatin-like 3 (secreted glycoprotein) (FSTL3), mRNA /cds=(8,799) /gb=NM_005860 /gi=5031700 /ug=Hs.433827 /len=2500	NM_005860	Hs.433827	NP_005851
6989	0.032636	transmembrane 9 superfamily member 1 (TM9SF1), mRNA /cds=(35,1855) /gb=NM_006405 /gi=21361314 /ug=Hs.91586 /len=2138	NM_006405	Hs.91586	NP_006396
7010	0.002565	hypothetical protein MGC32043 (MGC32043), mRNA /cds=(8,457) /gb=NM_144582 /gi=21389354 /ug=Hs.226138 /len=3131	NM_144582	Hs.226138	NP_653183

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7022	0.004367	ribosomal protein S29 (RPS29), mRNA /cds=(31,201) /gb=NM_001032 /gi=13904868 /ug=Hs.539 /len=346	NM_001032	Hs.539	NP_001023
7038	0.040751	tubulin, alpha, ubiquitous (K-ALPHA-1), mRNA /cds=(68,1423) /gb=NM_006082 /gi=5174476 /ug=Hs.334842 /len=1596	NM_006082	Hs.334842	NP_006073
7040	0.006463	PAK2 mRNA, complete cds /cds=(218,1840) /gb=AF092132 /gi=5138913 /ug=Hs.284275 /len=4137	AF092132	Hs.284275	
7041	0.032636	oxysterol binding protein-like 1A (OSBPL1A), transcript variant OSBPL1B, mRNA /cds=(175,3027) /gb=NM_080597 /gi=19718740 /ug=Hs.252716 /len=4165	NM_080597	Hs.252716	NP_579802
7046	0.040751	mRNA for KIAA1013 protein, partial cds. /cds=(1,3189) /gb=AB023230 /gi=4589675 /ug=Hs.96427 /len=4783	AB023230	Hs.96427	
7052	0.030249	SUMO-1-specific protease (SUSP1), mRNA /cds=(1,3339) /gb=NM_015571 /gi=7662311 /ug=Hs.27197 /len=4210	NM_015571	Hs.27197	NP_056386
7083	0.018784	chromosome 14 open reading frame 11 (C14orf11), mRNA /cds=(96,797) /gb=NM_018453 /gi=8922092 /ug=Hs.433269 /len=1264	NM_018453	Hs.433269	NP_060923
7092	0.022106	chromosome condensation 1 (CHC1), mRNA /cds=(287,1552) /gb=NM_001269 /gi=20149512 /ug=Hs.84746 /len=2559	NM_001269	Hs.84746	NP_001260
7111	0.012276	hypothetical protein LOC51234 (LOC51234), mRNA /cds=(72,623) /gb=NM_016454 /gi=24475963 /ug=Hs.250905 /len=1013	NM_016454	Hs.250905	NP_057538
7115	0.012276	microtubule-actin crosslinking factor 1 (MACF1), transcript variant 1, mRNA /cds=(52,16344) /gb=NM_012090 /gi=15011903 /ug=Hs.108258 /len=17532	NM_012090	Hs.108258	NP_149033
7142	0.011238	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(63,1451) /gb=NM_001402 /gi=25453469 /ug=Hs.422118 /len=1837	NM_001402	Hs.422118	NP_001393

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7154	0.03788	hypothetical protein FLJ22169 (FLJ22169), mRNA /cds=(380,1720) /gb=NM_024085 /gi=13129081 /ug=Hs.323363 /len=3509	NM_024085	Hs.323363	NP_076990
7159	0.007807	myosin, heavy polypeptide 3, skeletal muscle, embryonic (MYH3), mRNA /cds=(85,5907) /gb=NM_002470 /gi=11342671 /ug=Hs.173084 /len=6032	NM_002470	Hs.173084	NP_002461
7163	0.013394	KIAA0652 gene product (KIAA0652), mRNA /cds=(309,1862) /gb=NM_014741 /gi=7662225 /ug=Hs.79672 /len=4040	NM_014741	Hs.79672	NP_055556
7170	0.003213	ribosomal protein L27 (RPL27), mRNA /cds=(45,455) /gb=NM_000988 /gi=17017972 /ug=Hs.405528 /len=513	NM_000988	Hs.405528	NP_000979
7175	0.03788	AGENCOURT_6853421 NIH_MGC_99 cDNA clone IMAGE:5926418 5', mRNA sequence /clone=IMAGE:5926418 /clone_end=5' /gb=BQ064669 /gi=19893520 /ug=Hs.380699 /len=969	BQ064669	Hs.380699	
7176	0.023945	tumor protein, translationally-controlled 1 (TPT1), mRNA /cds=(95,613) /gb=NM_003295 /gi=4507668 /ug=Hs.401448 /len=830	NM_003295	Hs.401448	NP_003286
7177	0.032636	aminomethyltransferase (glycine cleavage system protein T) (AMT), mRNA /cds=(146,1357) /gb=NM_000481 /gi=4502082 /ug=Hs.102 /len=2119	NM_000481	Hs.102	NP_000472
7193	0.022106	heterogeneous nuclear ribonucleoprotein A1 (HNRPA1), transcript variant 2, mRNA /cds=(105,1223) /gb=NM_031157 /gi=14043069 /ug=Hs.376844 /len=1925	NM_031157	Hs.376844	NP_112420
7209	0.007807	ribosomal protein L37a (RPL37A), mRNA /cds=(36,314) /gb=NM_000998 /gi=16306561 /ug=Hs.296290 /len=392	NM_000998	Hs.296290	NP_000989
7210	0.047031	dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase) (DCI), mRNA /cds=(9,917) /gb=NM_001919 /gi=4503266 /ug=Hs.403436 /len=1017	NM_001919	Hs.403436	NP_001910

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7222	0.032636	REV3-like, catalytic subunit of DNA polymerase zeta (yeast) (REV3L), mRNA /cds=(823,9981) /gb=NM_002912 /gi=4506482 /ug=Hs.115521 /len=10919	NM_002912	Hs.115521	NP_002903
7227	0.015895	cytidine monophosphate kinase CMP mRNA, (=UMP-CMP kinase (LOC51727))	AF259961		NP_057392
7237	0.018784	protein disulfide isomerase-related protein (P5), mRNA /cds=(95,1417) /gb=NM_005742 /gi=5031972 /ug=Hs.182429 /len=1882	NM_005742	Hs.182429	NP_005733
7238	9.43E-04	pp11741 mRNA, complete cds /cds=(1126,2058) /gb=AF318323 /gi=18027737 /ug=Hs.382867 /len=3222	AF318323	Hs.382867	
7239	0.03788	HNC58-1-D7.R cDNA /gb=BG928970 /gi=14323493 /ug=Hs.133898 /len=683	BG928970	Hs.133898	NP_694953
7241	0.00587	likely ortholog of mouse guanine nucleotide releasing protein x (GNRPX), mRNA /cds=(82,531) /gb=NM_018049 /gi=8922332 /ug=Hs.173739 /len=1215	NM_018049	Hs.173739	NP_060519
7245	0.00587	cDNA FLJ90297 fis, clone NT2RP2000447, moderately similar to GOLGIN-95. /cds=(333,728) /gb=AK074778 /gi=22760446 /ug=Hs.405809 /len=2520	AK074778	Hs.405809	
7246	9.43E-04	mRNA for FLJ00012 protein, partial cds. /cds=(2618,3166) /gb=AK024423 /gi=10440354 /ug=Hs.21051 /len=4577	AK024423	Hs.21051	
7247	0.00587	hypothetical gene LOC128439 (LOC128439), mRNA /cds=(109,360) /gb=NM_139016 /gi=20502979 /ug=Hs.16936 /len=1526	NM_139016	Hs.16936	NP_620585
7262	0.001193	LIM and senescent cell antigen-like domains 1 (LIMS1), mRNA /cds=(120,1097) /gb=NM_004987 /gi=13518025 /ug=Hs.112378 /len=1236	NM_004987	Hs.112378	NP_004978
7293	0.008566	cDNA: FLJ21895 fis, clone HEP03439. /gb=AK025548 /gi=10438097 /ug=Hs.99532 /len=2049	AK025548	Hs.99532	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7307	0.014599	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax Drosophila) (MLL5), mRNA /cds=(202,5778) /gb=NM_018682 /gi=23503326 /ug=Hs.333300 /len=6543	NM_018682	Hs.333300	NP_061152
7322	0.004825	BM-017 (=ALEX3)	AF208859		NP_808817
7327	0.014599	tumor endothelial marker 6 (TEM6), mRNA /cds=(93,3710) /gb=NM_022748 /gi=17511208 /ug=Hs.12210 /len=6702	NM_022748	Hs.12210	NP_073585
7328	0.014599	basic leucine zipper and W2 domains 1 (BZW1), mRNA /cds=(81,1340) /gb=NM_014670 /gi=7661849 /ug=Hs.155291 /len=2998	NM_014670	Hs.155291	NP_055485
7343	0.043799	hypothetical protein FLJ12619 (FLJ12619), mRNA /cds=(539,1228) /gb=NM_030939 /gi=21359961 /ug=Hs.7779 /len=2444	NM_030939	Hs.7779	NP_112201
7344	0.018784	phosphoprotein regulated by mitogenic pathways (C8FW), mRNA /cds=(274,1392) /gb=NM_025195 /gi=13399327 /ug=Hs.7837 /len=3317	NM_025195	Hs.7837	NP_079471
7361	0.03788	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 (SMARCA4), mRNA /cds=(277,5220) /gb=NM_003072 /gi=21071055 /ug=Hs.78202 /len=5681	NM_003072	Hs.78202	NP_003063
7368	0.035177	NADH-ubiquinone oxidoreductase subunit B14.7 (NDUFA11), mRNA /cds=(1,426) /gb=NM_175614 /gi=28269680 /ug=Hs.406062 /len=426	NM_175614	Hs.406062	NP_783313
7376	0.03788	KIAA1805 protein (KIAA1805), mRNA /cds=(55,1758) /gb=NM_032434 /gi=24308327 /ug=Hs.294122 /len=2873	NM_032434	Hs.294122	NP_115810
7377	0.018784	Abl-philin 2 (APH2), mRNA /cds=(159,1049) /gb=NM_032327 /gi=14150105 /ug=Hs.76662 /len=1545	NM_032327	Hs.76662	NP_115703
7386	0.012276	mRNA for KIAA1013 protein, partial cds. /cds=(1,3189) /gb=AB023230 /gi=4589675 /ug=Hs.96427 /len=4783	AB023230	Hs.96427	
7387	0.002565	ribosomal protein L4 (RPL4), mRNA /cds=(57,1340) /gb=NM_000968 /gi=16579884 /ug=Hs.286 /len=1449	NM_000968	Hs.286	NP_000959

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7398	0.013394	laminin, alpha 2 (merosin, congenital muscular dystrophy) (LAMA2), mRNA /cds=(50,9382) /gb=NM_000426 /gi=4557708 /ug=Hs.75279 /len=9534	NM_000426	Hs.75279	NP_000417
7403	0.006463	ubiquitin-conjugating enzyme E2, J1 (UBC6 yeast) (UBE2J1), mRNA /cds=(118,1095) /gb=NM_016021 /gi=7706311 /ug=Hs.184325 /len=1786	NM_016021	Hs.184325	NP_057420
7404	0.035177	hypothetical protein MGC2827 (MGC2827), mRNA /cds=(190,936) /gb=NM_023940 /gi=13027611 /ug=Hs.8035 /len=1988	NM_023940	Hs.8035	NP_076429
7415	0.035177	hypothetical protein FLJ12619 (FLJ12619), mRNA /cds=(539,1228) /gb=NM_030939 /gi=21359961 /ug=Hs.7779 /len=2444	NM_030939	Hs.7779	NP_112201
7463	0.002337	early growth response 1 (EGR1), mRNA /cds=(271,1902) /gb=NM_001964 /gi=4503492 /ug=Hs.326035 /len=3132	NM_001964	Hs.326035	NP_001955
7468	0.018784	hypothetical protein MGC5576 (MGC5576), mRNA /cds=(52,804) /gb=NM_024056 /gi=13129025 /ug=Hs.103834 /len=1472	NM_024056	Hs.103834	NP_076961
7484	0.017288	RNA processing factor 1 (RPF1), mRNA /cds=(8,1057) /gb=NM_025065 /gi=18643386 /ug=Hs.287863 /len=1336	NM_025065	Hs.287863	NP_079341
7488	0.007893	UI-E-CI1-afw-c-22-0-UI.r1 UI-E-CI1 cDNA clone UI-E-CI1-afw-c-22-0-UI 5', mRNA sequence /clone=UI-E-CI1-afw-c-22-0-UI /clone_end=5' /gb=BM708589 /gi=19021847 /ug=Hs.433343 /len=901	BM708589	Hs.433343	
7507	0.043799	KIAA0581 protein, partial cds /cds=UNKNOWN /gb=AB011153 /gi=3043685 /ug=Hs.41143 /len=5147	AB011153	Hs.41143	NP_056007
7514	0.040751	cDNA FLJ35055 fis, clone OCBBF2018563. /gb=AK092374 /gi=21750952 /ug=Hs.349303 /len=3817	AK092374	Hs.349303	
7515	0.009388	FLJ11708 fis, clone HEMBA1005123	AK021770		NP_803882
7517	0.03788	deoxyguanosine kinase (DGUOK), transcript variant 1, nuclear gene encoding mitochondrial protein, mRNA /cds=(86,919) /gb=NM_080916 /gi=18426966 /ug=Hs.432811 /len=1144	NM_080916	Hs.432811	NP_550440

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7518	0.001878	FLJ21950 fis, clone HEP04949	AK025603		NP_054900
7519	0.02801	myotubularin related protein 3 (MTMR3), transcript variant 3, mRNA /cds=(288,3884) /gb=NM_021090 /gi=23510385 /ug=Hs.63302 /len=5963	NM_021090	Hs.63302	NP_694691
7522	0.004825	TH1-like (Drosophila) (TH1L), mRNA /cds=(8,1429) /gb=NM_016397 /gi=7705462 /ug=Hs.5184 /len=2130	NM_016397	Hs.5184	NP_057481
7536	0.001339	inhibitor of growth family, member 1 (ING1), mRNA /cds=(433,1701) /gb=NM_005537 /gi=19923770 /ug=Hs.46700 /len=2886	NM_005537	Hs.46700	NP_005528
7544	0.007206	oxysterol binding protein-like 10 (OSBPL10), mRNA /cds=(382,2676) /gb=NM_017784 /gi=23111057 /ug=Hs.321622 /len=3938	NM_017784	Hs.321622	NP_060254
7549	0.00168	cDNA: FLJ21552 fis, clone COL06322. /gb=AK025205 /gi=10437670 /ug=Hs.6634 /len=2045	AK025205	Hs.6634	
7550	7.41E-04	hypothetical protein FLJ20343 (FLJ20343), mRNA /cds=(19,1524) /gb=NM_017775 /gi=22547158 /ug=Hs.252692 /len=2784	NM_017775	Hs.252692	NP_060245
7551	0.017288	hypothetical protein FLJ11021 similar to splicing factor, arginine/serine-rich 4 (FLJ11021), mRNA /cds=(767,1375) /gb=NM_023012 /gi=20127619 /ug=Hs.81648 /len=1878	NM_023012	Hs.81648	NP_075388
7552	0.013394	interferon, alpha-inducible protein (clone IFI-15K) (G1P2), mRNA /cds=(76,573) /gb=NM_005101 /gi=4826773 /ug=Hs.432233 /len=634	NM_005101	Hs.432233	NP_005092
7554	0.018784	mRNA IRO40627 full length insert cDNA clone EUROIMAGE 40627	AL109779		NP_075379
7562	0.035177	snail zinc finger protein (SNAI1) gene, complete cds	AF155233		
7567	0.030249	cDNA FLJ34889 fis, clone NT2NE2017397, weakly similar to Rattus norvegicus beta-catenin binding protein mRNA. /cds=(274,2188) /gb=AK092208 /gi=21750743 /ug=Hs.125294 /len=2188	AK092208	Hs.125294	
7572	0.023945	poly(A)-specific ribonuclease (deadenylation nuclease) (PARN), mRNA /cds=(58,1977) /gb=NM_002582 /gi=4505610 /ug=Hs.43445 /len=2984	NM_002582	Hs.43445	NP_002573

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7573	0.047031	galactokinase 2 (GALK2), mRNA /cds=(21,1397) /gb=NM_002044 /gi=4503896 /ug=Hs.129228 /len=1510	NM_002044	Hs.129228	NP_002035
7581	0.014599	FK506 binding protein 5 (FKBP5), mRNA /cds=(154,1527) /gb=NM_004117 /gi=17149847 /ug=Hs.7557 /len=3781	NM_004117	Hs.7557	NP_004108
7583	0.014599	AGENCOURT_8929105 NIH_MGC_40 cDNA clone IMAGE:6484442 5', mRNA sequence /clone=IMAGE:6484442 /clone_end=5' /gb=BQ939558 /gi=22355036 /ug=Hs.405871 /len=1129	BQ939558	Hs.405871	
7588	0.030249	prp28, U5 snRNP 100 kd protein (U5-100K), mRNA /cds=(40,2502) /gb=NM_004818 /gi=4759277 /ug=Hs.184771 /len=3237	NM_004818	Hs.184771	NP_004809
7603	0.015895	eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa (EIF2B1), mRNA /cds=(11,928) /gb=NM_001414 /gi=4503502 /ug=Hs.78592 /len=1658	NM_001414	Hs.78592	NP_001405
7636	7.41E-04	ferritin, light polypeptide (FTL), mRNA /cds=(189,716) /gb=NM_000146 /gi=20149497 /ug=Hs.430150 /len=878	NM_000146	Hs.430150	NP_000137
7659	0.003213	ubiquitination factor E4B (UFD2 yeast) (UBE4B), mRNA /cds=(86,3994) /gb=NM_006048 /gi=5174482 /ug=Hs.24594 /len=5314	NM_006048	Hs.24594	NP_006039
7663	0.022106	cDNA FLJ10131 fis, clone HEMBA1003041. /gb=AK000993 /gi=7021996 /ug=Hs.274128 /len=2065	AK000993	Hs.274128	
7666	0.032636	FLJ14102 fis, clone MAMMA1000940 /cds=UNKNOWN /gb=AK024164 /gi=10436477 /ug=Hs.301811 /len=1878	AK024164	Hs.301811	
7673	0.032636	hypothetical protein FLJ10970 (FLJ10970), mRNA /cds=(229,633) /gb=NM_018286 /gi=8922795 /ug=Hs.173233 /len=1670	NM_018286	Hs.173233	NP_060756
7686	0.018784	protein tyrosine phosphatase, receptor type, C (PTPRC), transcript variant 1, mRNA /cds=(93,4007) /gb=NM_002838 /gi=18641346 /ug=Hs.170121 /len=5026	NM_002838	Hs.170121	NP_563580

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7690	0.020388	emopamil binding protein (sterol isomerase) (EBP), mRNA /cds=(112,804) /gb=NM_006579 /gi=5729809 /ug=Hs.75105 /len=1073	NM_006579	Hs.75105	NP_006570
7695	0.011238	FLJ31548 fis, clone NT2RI2001017 /cds=UNKNOWN /gb=AK056110 /gi=16551424 /ug=Hs.61712 /len=2054	AK056110	Hs.61712	NP_002601
7704	0.007807	solute carrier family 35 (CMP-sialic acid transporter), member 1 (SLC35A1), mRNA /cds=(28,1041) /gb=NM_006416 /gi=20149579 /ug=Hs.82921 /len=1883	NM_006416	Hs.82921	NP_006407
7708	0.003947	histidine triad nucleotide binding protein 2 (HINT2), mRNA /cds=(31,522) /gb=NM_032593 /gi=14211922 /ug=Hs.70573 /len=632	NM_032593	Hs.70573	NP_115982
7710	0.022802	cDNA: FLJ21531 fis, clone COL06036. /gb=AK025184 /gi=10437647 /ug=Hs.102941 /len=2671	AK025184	Hs.102941	
7711	0.03788	death inducer with SAP domain DIS mRNA, complete cds /cds=(120,3572) /gb=AF465616 /gi=27497117 /ug=Hs.183779 /len=3856	AF465616	Hs.183779	NP_060707
7719	5.79E-04	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 2 (EDG2), transcript variant 2, mRNA /cds=(394,1488) /gb=NM_057159 /gi=16950637 /ug=Hs.75794 /len=2732	NM_057159	Hs.75794	NP_476500
7738	0.018784	te65d01.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2091553 3', mRNA sequence /clone=IMAGE:2091553 /clone_end=3' /gb=AI377292 /gi=4187145 /ug=Hs.410753 /len=238	AI377292	Hs.410753	
7739	0.040751	hypothetical protein MGC12458 (MGC12458), mRNA /cds=(30,518) /gb=NM_032328 /gi=14150107 /ug=Hs.330664 /len=1026	NM_032328	Hs.330664	NP_115704
7740	0.003563	tripartite motif-containing 32 (TRIM32), mRNA /cds=(134,2095) /gb=NM_012210 /gi=15208649 /ug=Hs.236218 /len=3160	NM_012210	Hs.236218	NP_036342

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7741	0.002602	major histocompatibility complex, class II, DR beta 3 (HLA-DRB3), mRNA /cds=(41,841) /gb=NM_022555 /gi=18641371 /ug=Hs.308026 /len=1158	NM_022555	Hs.308026	NP_072049
7746	0.014599	PHD finger protein 3 (PHF3), mRNA /cds=(28,6147) /gb=NM_015153 /gi=7662017 /ug=Hs.78893 /len=6948	NM_015153	Hs.78893	NP_055968
7760	0.02801	hypothetical protein FLJ20651 (FLJ20651), mRNA /cds=(86,994) /gb=NM_017919 /gi=8923603 /ug=Hs.200332 /len=2678	NM_017919	Hs.200332	NP_060389
7764	0.032636	aprataxin (APTX), transcript variant 1, mRNA /cds=(153,1181) /gb=NM_175073 /gi=28329435 /ug=Hs.14394 /len=2086	NM_175073	Hs.14394	NP_778243
7771	0.00587	hypothetical protein FLJ14855 (FLJ14855), mRNA /cds=(262,1896) /gb=NM_033210 /gi=21361856 /ug=Hs.224843 /len=3290	NM_033210	Hs.224843	NP_149987
7774	0.004367	leucine-rich repeat-containing 5 (LRRC5), mRNA /cds=(917,2965) /gb=NM_018103 /gi=24431980 /ug=Hs.44672 /len=3338	NM_018103	Hs.44672	NP_060573
7775	0.007107	fibronectin gene ED-A region	X07718		
7790	0.03517	EST(zt89c05.r1 Soares testis NHT clone 729512 5')	AA398038		NP_004632
7802	0.020388	EST 380589 MAGE resequences, MAGJ cDNA= (xj42h09.x1 Soares_NFL_T_GBC_S1)=(tt93e04.x1 NCI_CGAP_Pr28)=(Soares_fetal_heart_NbHH19W)=(Soares melanocyte 2NbHM)	AW968513		NP_057251
7810	0.017755	EST(of65b08.s1 NCI_CGAP_Co8 clone IMAGE:1435191 3')	AA857635		
7812	0.02801	EST(nw29b03.s1 NCI_CGAP_GCB0 clone IMAGE:1241837 contains Alu repeat)	AA714698		
7826	0.004367	yh68a05.s1 Soares placenta Nb2HP cDNA clone IMAGE:134864 3', mRNA sequence /clone=IMAGE:134864 /clone_end=3' /gb=R32301 /gi=788144 /ug=Hs.386871 /len=246	R32301	Hs.386871	
7828	0.014599	BX101939 Soares infant brain 1NIB cDNA clone IMAGp998C11163, mRNA sequence /clone=IMAGp998C11163_;_IMAGE:36364 /gb=BX101939 /gi=27831516 /ug=Hs.269499 /len=493	BX101939	Hs.269499	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7843	0.032636	EST(qu23h09.x1 NCI_CGAP_Br12 clone IMAGE:1965665 contains Alu repeat)	AI284640		
7850	0.025911	hypothetical protein FLJ10006 (FLJ10006), mRNA /cds=(261,2720) /gb=NM_017969 /gi=24308176 /ug=Hs.5570 /len=2950	NM_017969	Hs.5570	NP_060439
7859	0.010277	AJ318805 adipose tissue cDNA clone 2040, mRNA sequence /clone=2040 /gb=AJ318805 /gi=18141682 /ug=Hs.86538 /len=5223	AJ318805	Hs.86538	
7868	0.015895	EST(yx98h12.s1 Soares melanocyte 2NbHM cDNA clone IMAGE:269831 3')	N24829		
7869	0.004367	hypothetical protein FLJ20534 (FLJ20534), mRNA /cds=(21,1061) /gb=NM_017867 /gi=8923502 /ug=Hs.44344 /len=1188	NM_017867	Hs.44344	NP_060337
7878	0.03788	EST(RC1-BT0721-050400-011-a06 BT0721)	BE090738		
7885	0.003563	protein phosphatase 1, regulatory (inhibitor) subunit 14C (PPP1R14C), mRNA /cds=(97,594) /gb=NM_030949 /gi=19311005 /ug=Hs.192822 /len=2133	NM_030949	Hs.192822	NP_112211
7888	0.003213	cDNA FLJ31107 fis, clone IMR322000152. /gb=AK055669 /gi=16550452 /ug=Hs.405954 /len=2250	AK055669	Hs.405954	
7892	0.008566	EST(ze97h03.s1 Soares fetal heart NbHH19W clone 366965 3' contains Alu repeat)	AA026679		
7913	3.04E-04	EST (Soares breast 2NbHBst cDNA clone IMAGE:155622 5')	R71816		
7936	0.03788	UI-H-BI4-apg-d-10-0-UI.s1 NCI_CGAP_Sub8 cDNA clone IMAGE:3087402 3', mRNA sequence /clone=IMAGE:3087402 /clone_end=3' /gb=BF509764 /gi=11593062 /ug=Hs.439798 /len=1099	BF509764	Hs.439798	
7941	0.00587	EST (EST370348 MAGE resequences, MAGE cDNA)	AW958278		NP_112420
7944	0.017288	EST67047 Fetal lung III Homo sapiens cDNA 3' end	AA358105		
7945	0.047031	hypothetical protein FLJ14708 (FLJ14708), mRNA /cds=(198,1163) /gb=NM_032827 /gi=14249529 /ug=Hs.135569 /len=2405	NM_032827	Hs.135569	NP_116216

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
7947	0.010277	EST (AV690707 GKC H.sapiens cDNA	AV690707		NP_004577
7948	0.043799	mRNA; cDNA DKFZp686J072 (from clone DKFZp686J072) /gb=AL832207 /gi=21732752 /ug=Hs.255938 /len=7028	AL832207	Hs.255938	
7950	0.006463	cDNA sequence FLJ13553 fis, clone PLACE1007454	AK023615		NP_006818
7956	0.049079	EST(zu24g05.s1 Soares_NhHMPu_S1 cDNA clone IMAGE:738968 3' similar to gb:Z13009_rna1 EPITHELIAL-CADHERIN PRECURSOR;contains Alu repetitive element;)	AA421768		
7967	0.010277	unknown mRNA	U00684		
7977	0.02801	pregnancy-induced growth inhibitor OKL38 gene, partial cds	AF334780		
7978	0.004825	chromosome 6 open reading frame 11 (C6orf11), mRNA /cds=(54,1886) /gb=NM_005452 /gi=14550417 /ug=Hs.17930 /len=2074	NM_005452	Hs.17930	NP_005443
7981	0.013392	mRNA for KIAA1691 protein, partial cds. /cds=(78,1754) /gb=AB051478 /gi=20521967 /ug=Hs.94761 /len=4816	AB051478	Hs.94761	
7986	0.013394	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), beta polypeptide (protein disulfide isomerase; thyroid hormone binding protein p55) (P4HB), mRNA /cds=(45,1571) /gb=NM_000918 /gi=20070124 /ug=Hs.410578 /len=2438	NM_000918	Hs.410578	NP_000909
7987	0.030249	cervical cancer 1 protooncogene (DKFZP586A011), mRNA /cds=(9,1091) /gb=NM_015416 /gi=21166356 /ug=Hs.75884 /len=2118	NM_015416	Hs.75884	NP_056231
7988	0.002096	hypothetical protein FLJ13910 (FLJ13910), mRNA /cds=(99,1274) /gb=NM_022780 /gi=19923839 /ug=Hs.75277 /len=3239	NM_022780	Hs.75277	NP_073617
7992	0.018784	brain cDNA clone:QccE-22013, full insert sequence	AB060197		
7997	0.043799	Williams-Beuren syndrome chromosome region 17 (WBSCR17), mRNA /cds=(1,1797) /gb=NM_022479 /gi=22538494 /ug=Hs.7981 /len=3298	NM_022479	Hs.7981	NP_071924

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8003	0.015895	transcription factor 4 (TCF4), mRNA /cds=(200,2203) /gb=NM_003199 /gi=4507398 /ug=Hs.326198 /len=2500	NM_003199	Hs.326198	NP_003190
8004	0.035177	topoisomerase (DNA) I (TOP1), mRNA /cds=(247,2544) /gb=NM_003286 /gi=19913404 /ug=Hs.317 /len=3734	NM_003286	Hs.317	NP_003277
8017	0.012276	secreted frizzled-related protein 5 (SFRP5), mRNA /cds=(182,1135) /gb=NM_003015 /gi=8400734 /ug=Hs.279565 /len=1905	NM_003015	Hs.279565	NP_003006
8022	0.03788	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(63,1451) /gb=NM_001402 /gi=25453469 /ug=Hs.422118 /len=1837	NM_001402	Hs.422118	NP_001393
8027	0.02801	homeodomain protein (OG12) mRNA, complete cds	AF022654		NP_006875
8039	0.012276	BX090877 NCI_CGAP_Ut3 cDNA clone IMAGp998N165642 ; IMAGE:2278479, mRNA sequence /clone=IMAGp998N165642_;_IMAGE:2278479 /gb=BX090877 /gi=27824565 /ug=Hs.359704 /len=471	BX090877	Hs.359704	
8040	0.011238	zinc finger protein 331; zinc finger protein 463 (ZNF361), mRNA /cds=(660,2051) /gb=NM_018555 /gi=20127571 /ug=Hs.147644 /len=2196	NM_018555	Hs.147644	NP_061025
8042	0.01045	thioredoxin-like 2 (TXNL2), mRNA /cds=(5,1012) /gb=NM_006541 /gi=5730103 /ug=Hs.42644 /len=1942	NM_006541	Hs.42644	NP_006532
8046	0.011238	cDNA FLJ10423 fis, clone NT2RP1000259. /gb=AK001285 /gi=7022444 /ug=Hs.106909 /len=1837	AK001285	Hs.106909	
8050	0.025911	hypothetical protein FLJ22557 (FLJ22557), mRNA /cds=(87,1001) /gb=NM_024713 /gi=13376012 /ug=Hs.106101 /len=2676	NM_024713	Hs.106101	NP_078989
8051	0.009388	cDNA FLJ38352 fis, clone FEBRA1000148. /gb=AK095671 /gi=21754980 /ug=Hs.376222 /len=2233	AK095671	Hs.376222	
8052	0.035177	hypothetical protein MGC14697 (MGC14697), mRNA /cds=(264,440) /gb=NM_032747 /gi=14249375 /ug=Hs.171625 /len=581	NM_032747	Hs.171625	NP_116136

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8059	0.009388	myotubularin related protein 2 (MTMR2), mRNA /cds=(342,2273) /gb=NM_016156 /gi=20357517 /ug=Hs.181326 /len=4681	NM_016156	Hs.181326	NP_057240
8060	0.022106	hypothetical protein HSPC155 (HSPC155), mRNA /cds=(241,744) /gb=NM_016406 /gi=7705480 /ug=Hs.177507 /len=1137	NM_016406	Hs.177507	NP_057490
8066	3.47E-04	clone IMAGE:4551222, mRNA /gb=BC017324 /gi=23398507 /ug=Hs.98710 /len=2031	BC017324	Hs.98710	
8067	8.37E-04	zinc finger protein 289, ID1 regulated (ZNF289), mRNA /cds=(9,1574) /gb=NM_032389 /gi=14150222 /ug=Hs.256310 /len=2753	NM_032389	Hs.256310	NP_115765
8068	0.001339	hypothetical protein FLJ10726 (FLJ10726), mRNA /cds=(176,622) /gb=NM_018195 /gi=8922622 /ug=Hs.268561 /len=2800	NM_018195	Hs.268561	NP_060665
8069	5.79E-04	Similar to nuclear localization signals binding protein 1, clone MGC:21810 IMAGE:4183576, mRNA, complete cds /cds=(58,375) /gb=BC016981 /gi=16877469 /ug=Hs.244624 /len=2059	BC016981	Hs.244624	
8085	0.013394	dimerization cofactor of hepatocyte nuclear factor 1 (HNF1) from muscle (DCOHM), mRNA /cds=(21,413) /gb=NM_032151 /gi=14149824 /ug=Hs.150186 /len=5641	NM_032151	Hs.150186	NP_115527
8091	0.02801	latrophilin 1 (LPHH1), mRNA /cds=(217,4428) /gb=NM_012302 /gi=6912463 /ug=Hs.24212 /len=5479	NM_012302	Hs.24212	NP_036434
8119	9.43E-04	mRNA for KIAA1949 protein. /cds=(1149,3137) /gb=AB075829 /gi=18916754 /ug=Hs.101150 /len=4015	AB075829	Hs.101150	
8120	0.022106	centrosome-associated protein 350 (CAP350), mRNA /cds=(168,9521) /gb=NM_014810 /gi=18378734 /ug=Hs.92200 /len=11740	NM_014810	Hs.92200	NP_055625
8125	0.001339	mitochondrial ribosomal protein S17 (MRPS17), nuclear gene encoding mitochondrial protein, mRNA /cds=(31,423) /gb=NM_015969 /gi=16554613 /ug=Hs.44298 /len=600	NM_015969	Hs.44298	NP_057053

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8130	0.004825	hypothetical protein FLJ31951 (FLJ31951), mRNA /cds=(28,2103) /gb=NM_144726 /gi=21389514 /ug=Hs.349306 /len=3362	NM_144726	Hs.349306	NP_653327
8133	2.03E-04	ADP-ribosylation factor guanine nucleotide factor 6 (EFA6R), mRNA /cds=(53,1657) /gb=NM_015310 /gi=7662395 /ug=Hs.6763 /len=6722	NM_015310	Hs.6763	NP_056125
8151	0.047031	cDNA: FLJ23115 fis, clone LNG07933. /gb=AK026768 /gi=10439696 /ug=Hs.98728 /len=1917	AK026768	Hs.98728	
8152	0.025911	COP9 constitutive photomorphogenic subunit 5 (Arabidopsis) (COPS5), mRNA /cds=(121,1125) /gb=NM_006837 /gi=5803045 /ug=Hs.380969 /len=1277	NM_006837	Hs.380969	NP_006828
8153	0.023945	hypothetical protein DKFZp586E1923 (DKFZP586E1923), mRNA /cds=(1,294) /gb=NM_020425 /gi=10092684 /ug=Hs.70769 /len=294	NM_020425	Hs.70769	NP_065158
8161	0.00587	cDNA: FLJ22930 fis, clone KAT07255. /gb=AK026583 /gi=10439467 /ug=Hs.90790 /len=1600	AK026583	Hs.90790	
8163	0.006463	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa (NDUFB3), mRNA /cds=(253,549) /gb=NM_002491 /gi=4505360 /ug=Hs.109760 /len=693	NM_002491	Hs.109760	NP_002482
8167	0.001878	component of oligomeric golgi complex 3 (COG3), mRNA /cds=(102,2588) /gb=NM_031431 /gi=14591930 /ug=Hs.13392 /len=4500	NM_031431	Hs.13392	NP_113619
8168	0.003947	hypothetical protein FLJ23221 (FLJ23221), mRNA /cds=(24,419) /gb=NM_024579 /gi=13375757 /ug=Hs.18397 /len=519	NM_024579	Hs.18397	NP_078855
8178	0.013394	TAF9-like RNA polymerase II, TATA box binding protein (TBP)-associated factor, 31kDa (TAF9L), mRNA /cds=(91,846) /gb=NM_015975 /gi=21166377 /ug=Hs.171723 /len=2734	NM_015975	Hs.171723	NP_057059

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8182	0.030249	general transcription factor IIH, polypeptide 2, 44kDa (GTF2H2), mRNA /cds=(1,1188) /gb=NM_001515 /gi=6681761 /ug=Hs.191356 /len=1188	NM_001515	Hs.191356	NP_001506
8184	0.014599	cDNA FLJ30135 fis, clone BRACE2000061. /gb=AK054697 /gi=16549295 /ug=Hs.34906 /len=2024	AK054697	Hs.34906	NP_776170
8186	0.006463	Arkadia (ARK), mRNA /cds=(374,1486) /gb=NM_017610 /gi=24111229 /ug=Hs.12504 /len=3010	NM_017610	Hs.12504	NP_060080
8187	0.006508	calcium channel, voltage-dependent, L type, alpha 1C subunit (CACNA1C), mRNA /cds=(266,6682) /gb=NM_000719 /gi=27597079 /ug=Hs.89925 /len=8374	NM_000719	Hs.89925	NP_000710
8188	0.047031	hypothetical protein FLJ20287 (FLJ20287), mRNA /cds=(132,2921) /gb=NM_017746 /gi=8923268 /ug=Hs.26369 /len=3043	NM_017746	Hs.26369	NP_060216
8190	0.010277	PP784 mRNA, complete cds/cds=(198,581) /gb=AF258591 /gi=10834727 /ug=Hs.284281/len=2145 = XM_052614.3	AF258591	Hs.284281	NP_689514
8205	0.015895	histone H2A.F/Z variant (H2AV), transcript variant 2, mRNA /cds=(172,516) /gb=NM_138635 /gi=20357598 /ug=Hs.301005 /len=3453	NM_138635	Hs.301005	NP_619541
8222	0.018784	prefoldin 5 (PFDN5), transcript variant 1, mRNA /cds=(36,500) /gb=NM_002624 /gi=22202632 /ug=Hs.288856 /len=661	NM_002624	Hs.288856	NP_665904
8224	0.008566	hypothetical protein, MGC:7199 (LOC116150), mRNA /cds=(174,1055) /gb=NM_138459 /gi=20270242 /ug=Hs.289008 /len=2645	NM_138459	Hs.289008	NP_612468
8226	0.004367	splicing factor 3a, subunit 1, 120kDa (SF3A1), mRNA /cds=(132,2513) /gb=NM_005877 /gi=20127483 /ug=Hs.406277 /len=2944	NM_005877	Hs.406277	NP_005868
8227	0.012276	hypothetical protein FLJ20628 (FLJ20628), mRNA /cds=(23,1456) /gb=NM_017910 /gi=13435382 /ug=Hs.32356 /len=1846	NM_017910	Hs.32356	NP_060380

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8229	0.018784	hepatitis C virus core-binding protein 6 (HCBP6), mRNA /cds=(114,683) /gb=NM_023934 /gi=24371247 /ug=Hs.283674 /len=1157	NM_023934	Hs.283674	NP_076423
8230	0.007807	mRNA for KIAA0592 protein, partial cds. /cds=(1,4062) /gb=AB011164 /gi=3043707 /ug=Hs.439367 /len=4623	AB011164	Hs.439367	
8261	0.012276	cDNA FLJ10878 fis, clone NT2RP4001893, highly similar to mRNA; cDNA DKFZp564O043. /gb=AK001740 /gi=7023191 /ug=Hs.15144 /len=2599	AK001740	Hs.15144	NP_064715
8274	8.37E-04	mRNA; cDNA DKFZp451L0319 (from clone DKFZp451L0319) /gb=AL833086 /gi=21733677 /ug=Hs.43213 /len=4614	AL833086	Hs.43213	
8277	0.009388	checkpoint with forkhead and ring finger domains (CHFR), mRNA /cds=(65,1936) /gb=NM_018223 /gi=8922674 /ug=Hs.23794 /len=3138	NM_018223	Hs.23794	NP_060693
8309	0.030249	hypothetical protein FLJ14906 (FLJ14906), mRNA /cds=(131,736) /gb=NM_032859 /gi=14249591 /ug=Hs.183528 /len=2492	NM_032859	Hs.183528	NP_116248
8311	0.043799	clone IMAGE:5295441, mRNA /gb=BC043222 /gi=28175025 /ug=Hs.405253 /len=2712	BC043222	Hs.405253	
8316	0.02801	clone IMAGE:4794726, mRNA /gb=BC042028 /gi=27469506 /ug=Hs.367688 /len=1479	BC042028	Hs.367688	
8324	0.043799	hypothetical protein (FLJ10562 fis, clone NT2RP2002701)	AK001424		NP_057116
8338	0.013394	cDNA FLJ14181 fis, clone NT2RP2004300. /gb=AK024243 /gi=10436570 /ug=Hs.130874 /len=4411	AK024243	Hs.130874	
8358	0.032636	EST from cd34 stem cells Human sapiens cDNA clone CBCALE06	AF150123		
8363	0.02801	hypothetical protein FLJ14753 (FLJ14753), mRNA /cds=(247,1095) /gb=NM_032558 /gi=14211858 /ug=Hs.13453 /len=2593	NM_032558	Hs.13453	NP_115947
8365	0.010277	hypothetical protein FLJ10702 (FLJ10702), mRNA /cds=(175,735) /gb=NM_018184 /gi=8922600 /ug=Hs.104222 /len=2944	NM_018184	Hs.104222	NP_060654

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8369	0.011238	hypothetical protein FLJ20432 (FLJ20432), mRNA /cds=(603,1361) /gb=NM_017819 /gi=8923404 /ug=Hs.57898 /len=1654	NM_017819	Hs.57898	NP_060289
8374	0.001339	HT021 (HT021), mRNA /cds=(145,531) /gb=NM_020685 /gi=10190735 /ug=Hs.47166 /len=797	NM_020685	Hs.47166	NP_065736
8376	0.017288	EST(zk54c05.r1 Soares_pregnant_uterus_NbHPU cDNA clone IMAGE:486632 5')	AA044356		NP_001767
8378	0.001339	601556349T1 NIH_MGC_58 cDNA clone IMAGE:3826069 3', mRNA sequence /clone=IMAGE:3826069 /clone_end=3' /gb=BE739647 /gi=10153639 /ug=Hs.88156 /len=692	BE739647	Hs.88156	
8395	0.002337	EST xp73h11.x1 NCI_CGAP_Ov40 cDNA clone IMAGE:2746053 3' similar to contains Alu repetitive element;contains element MER32 repetitive element ;	AW270457		
8405	0.013394	cDNA FLJ33992 fis, clone DFNES2007634. /gb=AK091311 /gi=21749651 /ug=Hs.368944 /len=3116	AK091311	Hs.368944	NP_778231
8406	0.03788	erythroblast membrane-associated protein (ERMAP), mRNA /cds=(167,1594) /gb=NM_018538 /gi=19923535 /ug=Hs.410294 /len=3381	NM_018538	Hs.410294	NP_061008
8413	0.020388	EST (or91g12.s1 NCI_CGAP_Lu5 IMAGE:1603270 3')	AA988166		
8418	0.02801	EST ty79e06.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2285314 3'	AI629011		NP_055428
8419	0.030249	mRNA; cDNA DKFZp586B1922 (from clone DKFZp586B1922) /gb=AL049450 /gi=4500236 /ug=Hs.184779 /len=1433	AL049450	Hs.184779	
8430	0.035177	chromosome 20 open reading frame 36 (C20orf36), mRNA /cds=(128,1213) /gb=NM_018257 /gi=8922738 /ug=Hs.184628 /len=3655	NM_018257	Hs.184628	NP_060727
8438	0.008566	mRNA sequence /gb=L26969 /gi=16905391 /ug=Hs.362852 /len=1738	L26969	Hs.362852	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8439	0.02801	Similar to nasopharyngeal carcinoma susceptibility protein, clone IMAGE:5018419, mRNA /gb=BC025283 /gi=19263927 /ug=Hs.401412 /len=2812	BC025283	Hs.401412	
8447	9.43E-04	cDNA FLJ32621 fis, clone STOMA2000395. /gb=AK057183 /gi=16552779 /ug=Hs.425445 /len=2648	AK057183	Hs.425445	
8449	0.043799	hypothetical protein FLJ10619 (FLJ10619), mRNA /cds=(65,1894) /gb=NM_018156 /gi=8922552 /ug=Hs.191436 /len=3989	NM_018156	Hs.191436	NP_060626
8451	0.004825	EST (PM1-HT0422-170100-005-c12 HT0422)	BE160711		
8457	0.012276	EST (T98494 ye60e05.s1 Soares fetal liver spleen 1NFLS cDNA clone IMAGE:122144 3')	T98494		
8458	0.007807	cDNA FLJ35666 fis, clone SPLEN2017781. /gb=AK092985 /gi=21751702 /ug=Hs.233382 /len=2153	AK092985	Hs.233382	
8461	0.02801	cDNA FLJ39764 fis, clone SPLEN2000143. /gb=AK097083 /gi=21756734 /ug=Hs.181297 /len=2530	AK097083	Hs.181297	
8472	0.030249	cDNA FLJ14188 fis, clone NT2RP2005980. /gb=AK024250 /gi=10436579 /ug=Hs.288671 /len=2289	AK024250	Hs.288671	
8489	0.002096	CLK4 mRNA sequence /cds=(154,1515) /gb=AF212224 /gi=9437514 /ug=Hs.406557 /len=1865	AF212224	Hs.406557	
8501	0.032636	hypothetical protein FLJ40137 (FLJ40137), mRNA /cds=(149,1141) /gb=NM_173478 /gi=27735056 /ug=Hs.412708 /len=2241	NM_173478	Hs.412708	NP_775749
8507	0.001501	hypothetical protein FLJ20015 (FLJ20015), mRNA /cds=(32,523) /gb=NM_018996 /gi=9506648 /ug=Hs.375614 /len=1457	NM_018996	Hs.375614	NP_061869
8511	0.007107	EST(yx64g06.r1 clone 266554 5')	N31192		
8516	0.002096	EST (MR1-SN0033-100400-001-a10 SN0033)	AW867013		
8521	0.047031	cDNA, 5' end /clone=IMAGE:4182762 /clone_end=5' /gb=BF337076 /gi=11283172 /ug=Hs.213129 /len=974	BF337076	Hs.213129	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8523	0.007107	EST (ox48a03.x1 Soares_total_fetus_Nb2HF8_9wIMAGE :1659532.3')	AI038291		NP_612206
8525	0.013394	7f26a06.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:3295762 3' similar to contains Alu repetitive element;contains element MER22 repetitive element ;, mRNA sequence /clone=IMAGE:3295762 /clone_end=3' /gb=BE676253 /gi=10036794 /ug=Hs.436350 /len=492	BE676253	Hs.436350	
8528	3.95E-04	EST (602152342F1 NIH_MGC_81 cDNA clone IMAGE:4293442 5')	BF671599		
8530	0.049079	UI-E-EJ0-ahq-g-22-0-UI.s1 UI-E-EJ0 cDNA clone UI-E-EJ0-ahq-g-22-0-UI 3', mRNA sequence /clone=UI-E-EJ0-ahq-g-22-0-UI /clone_end=3' /gb=BM674631 /gi=18984529 /ug=Hs.444500 /len=1272	BM674631	Hs.444500	
8531	0.043799	cDNA FLJ40915 fis, clone UTERU2005450. /gb=AK098234 /gi=21758205 /ug=Hs.207079 /len=2739	AK098234	Hs.207079	
8532	0.036556	sin3-associated polypeptide, 18kDa (SAP18), mRNA /cds=(65,526) /gb=NM_005870 /gi=23510407 /ug=Hs.23964 /len=2035	NM_005870	Hs.23964	NP_005861
8541	0.047031	EST(hh01c12.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2953846 3')	AW614572		NP_714916
8548	0.018784	EST (RC1-BN0413-041000-021-a09 BN0413)	BF748890		
8557	0.018784	UI-H-ED0-awy-a-01-0-UI.s1 NCI_CGAP_ED0 cDNA clone IMAGE:5825160 3', mRNA sequence /clone=IMAGE:5825160 /clone_end=3' /gb=BQ017647 /gi=19752924 /ug=Hs.124747 /len=1445	BQ017647	Hs.124747	
8559	0.035177	clone MGC:5564, mRNA, complete cds /cds=(227,1304) /gb=BC003697 /gi=13277575 /ug=Hs.188757 /len=2145	BC003697	Hs.188757	
8560	3.95E-04	ribosomal protein L28 (RPL28), mRNA /cds=(43,456) /gb=NM_000991 /gi=13904865 /ug=Hs.356371 /len=500	NM_000991	Hs.356371	NP_000982

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8561	0.035177	UI-H-BI2-agy-f-12-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2726158 3', mRNA sequence /clone=IMAGE:2726158 /clone_end=3' /gb=AW292315 /gi=6698951 /ug=Hs.435074 /len=1117	AW292315	Hs.435074	
8565	0.004825	EST(DKFZp313E1524_r1 313 (synonym: hlcc2) Homo sapiens cDNA clone DKFZp313E1524 5')	AL599090		
8568	0.004825	EST(clone IMAGE:4733034 5')	BG619661		
8570	0.012276	EST hz28e05.x1 NCI_CGAP_GC6 cDNA clone IMAGE:3209312 3'	BE466897		
8577	0.035177	RC5-FT0194-271100-022-B06 FT0194 cDNA, mRNA sequence /gb=BF858635 /gi=12246379 /ug=Hs.270272 /len=590	BF858635	Hs.270272	
8584	0.007807	AGENCOURT_6417307 NIH_MGC_67 cDNA clone IMAGE:5492062 5', mRNA sequence /clone=IMAGE:5492062 /clone_end=5' /gb=BM799896 /gi=19116719 /ug=Hs.304926 /len=913	BM799896	Hs.304926	
8585	0.004825	ok48d01.s1 NCI_CGAP_Lei2 cDNA clone IMAGE:1517185 3', mRNA sequence /clone=IMAGE:1517185 /clone_end=3' /gb=AA903192 /gi=3038315 /ug=Hs.276518 /len=357	AA903192	Hs.276518	
8586	0.003947	UPF3 regulator of nonsense transcripts A (yeast) (UPF3A), transcript variant 1, mRNA /cds=(38,1468) /gb=NM_023011 /gi=18375523 /ug=Hs.399740 /len=2381	NM_023011	Hs.399740	NP_542418
8593	0.005325	cs26g08.y1 Retinal pigment epithelium/choroid cDNA (Un-normalized, unamplified): cs cDNA clone cs26g08 5', mRNA sequence /clone=cs26g08 /clone_end=5' /gb=CA392625 /gi=24725520 /ug=Hs.389253 /len=648	CA392625	Hs.389253	
8594	0.00168	EST(nh89a01.r1 NCI_CGAP_Br1.1 cDNA clone IMAGE:965640 5' similar to contains Alu repetitive element)	AA513780		
8595	1.33E-04	ribosomal protein L3 (RPL3), mRNA /cds=(27,1238) /gb=NM_000967 /gi=16507968 /ug=Hs.119598 /len=1311	NM_000967	Hs.119598	NP_000958

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8609	0.003947	UI-H-BI0-aah-f-11-0-UI.s1 NCI_CGAP_Sub1 cDNA clone IMAGE:2709285 3', mRNA sequence /clone=IMAGE:2709285 /clone_end=3' /gb=AW014024 /gi=5862781 /ug=Hs.443573 /len=594	AW014024	Hs.443573	
8615	0.032636	cDNA clone IMAGE:3918063 5' 601432861F1 NIH_MGC_72	BE895919		NP_055157
8622	0.010277	FLJ30623 fis, clone CTONG2001748 /cds=UNKNOWN /gb=AK055185 /gi=16549855 /ug=Hs.351574 /len=2870	AK055185	Hs.351574	NP_079050
8626	0.047031	yf81h04.s1 Soares infant brain 1NIB cDNA clone IMAGE:29029 3', mRNA sequence /clone=IMAGE:29029 /clone_end=3' /gb=R40376 /gi=821119 /ug=Hs.388213 /len=439	R40376	Hs.388213	
8627	0.02801	FLJ31562 fis, clone NT2RI2001422 /cds=UNKNOWN /gb=AK056124 /gi=16551441 /ug=Hs.6651 /len=2253	AK056124	Hs.6651	NP_003753
8632	0.002893	cDNA clone IMAGE:4769918 5'	BG623330		NP_777568
8635	0.023945	ESTs, cDNA, 3' end /clone_end=3' /gb=BI789108 /gi=15816833 /ug=Hs.304928 /len=529	BI789108	Hs.304928	
8637	0.030249	mitochondrial translational initiation factor 3 (MTIF3), mRNA /cds=(237,1073) /gb=NM_152912 /gi=24432096 /ug=Hs.406591 /len=1693	NM_152912	Hs.406591	NP_690876
8640	0.043799	UI-H-BI1-abw-g-10-0-UI.s1 NCI_CGAP_Sub3 cDNA clone IMAGE:2713530 3', mRNA sequence /clone=IMAGE:2713530 /clone_end=3' /gb=AW138102 /gi=6142420 /ug=Hs.444831 /len=772	AW138102	Hs.444831	
8643	0.004825	ESTs, cDNA, 5' end /clone=IMAGE:4699685 /clone_end=5' /gb=BG532473 /gi=13524012 /ug=Hs.107265 /len=774	BG532473	Hs.107265	NP_003426
8646	0.025911	cDNA FLJ39413 fis, clone PLACE6015729. /gb=AK096732 /gi=21756291 /ug=Hs.194339 /len=1957	AK096732	Hs.194339	
8648	0.03788	hypothetical protein MGC40157 (MGC40157), mRNA /cds=(106,498) /gb=NM_152350 /gi=22748758 /ug=Hs.295362 /len=1250	NM_152350	Hs.295362	NP_689563

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8649	0.020388	nah90b12.x1 NCI_CGAP_HN19 cDNA clone IMAGE:4257766 similar to P39194 ALU SUBFAMILY SQ SEQUENCE CONTAMINATION WARNING ENTRY. [1] ;contains Alu repetitive element;, mRNA sequence /clone=IMAGE:4257766 /gb=BG272785 /gi=12982288 /ug=Hs.440690 /len=360	BG272785	Hs.440690	
8654	0.04244	cDNA FLJ33942 fis, clone CTONG2018147. /gb=AK091261 /gi=21749590 /ug=Hs.434532 /len=2356	AK091261	Hs.434532	
8660	0.004367	nk74h02.s1 NCI_CGAP_Sch1 cDNA clone IMAGE:1019283 3' similar to contains Alu repetitive element;contains element LTR5 repetitive element ;, mRNA sequence /clone=IMAGE:1019283 /clone_end=3' /gb=AA551072 /gi=2321324 /ug=Hs.368624 /len=477	AA551072	Hs.368624	
8666	0.018784	EST(UI-H-EU1-bab-e-09-0-UI.s1 NCI_CGAP_Ct1 cDNA clone UI-H-EU1-bab-e-09-0-UI 3')	BQ446611		NP_037506
8669	7.41E-04	cDNA FLJ10190 fis, clone HEMBA1004753. /gb=AK001052 /gi=7022081 /ug=Hs.274546 /len=1318	AK001052	Hs.274546	
8675	0.010277	UI-H-EI0-ayo-a-20-0-UI.s1 NCI_CGAP_EI0 cDNA clone IMAGE:5841307 3', mRNA sequence /clone=IMAGE:5841307 /clone_end=3' /gb=BQ004581 /gi=19729481 /ug=Hs.412459 /len=1095	BQ004581	Hs.412459	
8685	0.043799	Similar to ubiquitin protein ligase E3A papilloma virus E6-associated protein, Angelman syndrome), clone IMAGE:4811444, mRNA /gb=BC040187 /gi=25455694 /ug=Hs.25320 /len=4823	BC040187	Hs.25320	
8686	0.004367	mRNA; cDNA DKFZp564P016 (from clone DKFZp564P016) /gb=AL049337 /gi=4500118 /ug=Hs.132571 /len=1938	AL049337	Hs.132571	
8692	0.032636	EST383274 MAGE resequences, MAGL cDNA, mRNA sequence /gb=AW971186 /gi=8161031 /ug=Hs.442674 /len=603	AW971186	Hs.442674	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8694	0.043799	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1) (PRKAR1A), mRNA /cds=(88,1233) /gb=NM_002734 /gi=4506062 /ug=Hs.183037 /len=3036	NM_002734	Hs.183037	NP_002725
8699	0.020388	clone IMAGE:3909623, mRNA, partial cds /cds=(1,178) /gb=BC015894 /gi=16198445 /ug=Hs.33264 /len=2980	BC015894	Hs.33264	
8720	0.02801	UI-H-EU0-azs-p-18-0-UI.s1 NCI_CGAP_Car1 cDNA clone IMAGE: 5853185 3', mRNA sequence /clone=IMAGE:_5853185 /clone_end=3' /gb=BQ183906 /gi=20359457 /ug=Hs.356538 /len=1068	BQ183906	Hs.356538	
8728	0.040751	DKFZp547N166_r1 547 (synonym: hfbr1) cDNA clone DKFZp547N166 5', mRNA sequence /clone=DKFZp547N166 /clone_end=5' /gb=AL134698 /gi=6602885 /ug=Hs.272048 /len=586	AL134698	Hs.272048	
8738	0.040751	tb26b01.x1 NCI_CGAP_Kid12 cDNA clone IMAGE:2055433 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:2055433 /clone_end=3' /gb=AI308217 /gi=4002852 /ug=Hs.177064 /len=421	AI308217	Hs.177064	
8760	0.007807	EST(cDNA clone IMAGE:5258751 5')	BI457491		NP_031394
8767	0.023945	UMP-CMP kinase (UMP-CMPK), mRNA /cds=(31,717) /gb=NM_016308 /gi=7706496 /ug=Hs.11463 /len=2836	NM_016308	Hs.11463	NP_057392
8769	0.010277	EST(adult brain Danio rerio cDNA clone 4966301 5' similar to SW:RLA1_CHICK P18660 60S ACIDIC RIBOSOMAL PROTEIN P1. ;contains element MER22 repetitive element ;)	BI429083		
8776	0.047031	EST(cDNA clone IMAGE:3249148 3')	BE673393		NP_003109
8777	0.002337	UI-E-EO1-ajc-l-12-0-UI.r1 UI-E-EO1 cDNA clone UI-E-EO1-ajc-l-12-0-UI 5', mRNA sequence /clone=UI-E-EO1-ajc-l-12-0-UI /clone_end=5' /gb=BM718946 /gi=19037365 /ug=Hs.364651 /len=1031	BM718946	Hs.364651	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8778	0.005325	EST(Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:841389 5')	AA491482		
8780	0.030249	MR2-CI0186-291100-010-a06 CI0186 cDNA, mRNA sequence /gb=BF814502 /gi=12147047 /ug=Hs.446594 /len=530	BF814502	Hs.446594	
8787	0.009388	CLK4 mRNA sequence /cds=(154,1515) /gb=AF212224 /gi=9437514 /ug=Hs.406557 /len=1865	AF212224	Hs.406557	
8794	0.005325	AGENCOURT_8475922 Lupski_sympathetic_trunk cDNA clone IMAGE:6195208 5', mRNA sequence /clone=IMAGE:6195208 /clone_end=5' /gb=BQ721341 /gi=21860238 /ug=Hs.128076 /len=1186	BQ721341	Hs.128076	
8795	0.02801	mRNA; cDNA DKFZp451B1818 (from clone DKFZp451B1818) /gb=AL832623 /gi=21733198 /ug=Hs.77554 /len=6240	AL832623	Hs.77554	
8796	0.006463	ESTs, cDNA, 3' end /clone=UI-E-EJ0-aii-l-19-0-UI /clone_end=3' /gb=BM681301 /gi=18991197 /ug=Hs.355029 /len=591	BM681301	Hs.355029	
8797	0.010277	ESTs, cDNA, 5' end /clone=IMAGE:4803370 /clone_end=5' /gb=BG697291 /gi=13963346 /ug=Hs.374415 /len=909	BG697291	Hs.374415	NP_112200
8799	0.001501	ubiquitin specific protease 7 (herpes virus-associated) (USP7), mRNA /cds=(200,3508) /gb=NM_003470 /gi=4507856 /ug=Hs.78683 /len=4022	NM_003470	Hs.78683	NP_003461
8808	0.020388	EST(cDNA clone CS0DF021YG07 5 prime)	AL535948		NP_006612
8809	0.008566	cDNA: FLJ23013 fis, clone LNG00740. /gb=AK026666 /gi=10439567 /ug=Hs.372737 /len=1909	AK026666	Hs.372737	
8814	0.032636	UI-1-BB1p-aun-c-05-0-UI.s1 NCI_CGAP_PI6 cDNA clone UI-1-BB1p-aun-c-05-0-UI 3', mRNA sequence /clone=UI-1-BB1p-aun-c-05-0-UI /clone_end=3' /gb=BQ023929 /gi=19759208 /ug=Hs.283502 /len=584	BQ023929	Hs.283502	
8834	0.047031	No significant match, ORF+2(41~249)	SEQ.ID.No.9		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8836	0.004367	No significant match	SEQ.ID.No.33		
8837	0.005325	no significant match	SEQ.ID.No.39		
8839	0.047031	No significant match, ORF-1(3~472)	SEQ.ID.No.49		
8851	0.003539	No significant match (ORF:+3:3~167[166]; +1:49~167[120])	SEQ.ID.No.14		
8860	0.035177	clone 23612 mRNA sequence /gb=U90902 /gi=1913880 /ug=Hs.82141 /len=1548	U90902	Hs.82141	
8867	0.031362	mRNA; cDNA DKFZp686M2414 (from clone DKFZp686M2414) /gb=AL832164 /gi=21732708 /ug=Hs.282596 /len=2712	AL832164	Hs.282596	
8874	0.001878	No significant match (ORF:+1:256~491[237])	SEQ.ID.No.26		
8887	0.00393	No significant match (ORF:+3~234)	SEQ.ID.No.16		
8908	0.032636	hypothetical protein FLJ32861 (FLJ32861), mRNA /cds=(206,1507) /gb=NM_144995 /gi=21450696 /ug=Hs.344530 /len=1837	NM_144995	Hs.344530	NP_659432
8909	0.032636	WW domain-containing adapter with a coiled-coil region (WAC), transcript variant 2, mRNA /cds=(332,2140) /gb=NM_100264 /gi=18379329 /ug=Hs.70333 /len=3088	NM_100264	Hs.70333	NP_567823
8912	0.008566	AGENCOURT_6542493 NIH_MGC_119 cDNA clone IMAGE:5742803 5', mRNA sequence /clone=IMAGE:5742803 /clone_end=5' /gb=BM553059 /gi=18791456 /ug=Hs.380110 /len=1179	BM553059	Hs.380110	
8918	0.013394	EST EST72587 Ovary II cDNA 5' end	AA362818		NP_057226
8920	0.013394	hypothetical protein FLJ22347 (FLJ22347), mRNA /cds=(60,2684) /gb=NM_022830 /gi=12383073 /ug=Hs.106004 /len=2747	NM_022830	Hs.106004	NP_073741
8925	0.017288	EST TCBAP1D1176 Pediatric pre-B cell acute lymphoblastic leukemia Baylor-HGSC project=TCBA cDNA clone TCBAP1176	BE244548		
8928	6.56E-04	cDNA: FLJ23313 fis, clone HEP11919. /gb=AK026966 /gi=10439954 /ug=Hs.10862 /len=2527	AK026966	Hs.10862	
8931	0.023945	chromosome 21 open reading frame 6 (C21orf6), mRNA /cds=(92,1051) /gb=NM_016940 /gi=8393017 /ug=Hs.34136 /len=1729	NM_016940	Hs.34136	NP_058636

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
8942	0.001193	mRNA for Sec24 protein (Sec24A isoform), partial /cds=(1,3237) /gb=AJ131244 /gi=3947687 /ug=Hs.211612 /len=5967	AJ131244	Hs.211612	
8953	0.007107	cDNA FLJ34005 fis, clone FCBBF1000272. /gb=AK091324 /gi=21749666 /ug=Hs.7626 /len=4549	AK091324	Hs.7626	
8955	1.53E-04	cDNA FLJ39389 fis, clone PLACE6003621. /gb=AK096708 /gi=21756262 /ug=Hs.120785 /len=1350	AK096708	Hs.120785	
8961	0.019142	EST (RC3-ST0197-120200-015-c04 ST0197)	AW813761		
8966	0.024732	EST (AV764100 MDS cDNA clone MDSBAE09 5')	AV764100		
8977	0.025911	EST(oa33c09.s1 NCI_CGAP_GCB1 clone IMAGE:1306768 contains L1.t3 L1 repeat)	AA766521		
8978	0.004367	Similar to procollagen, type V, alpha 2, clone IMAGE:3613441, mRNA /gb=BC014149 /gi=15559579 /ug=Hs.162411 /len=1335	BC014149	Hs.162411	
8980	0.003213	EST yq55e03.r1 Soares fetal liver spleen 1NFLS H.sapiens cDNA clone IMAGE:199708 5' similar to contains Alu repetitive element;	R96686		
8992	0.02801	hypothetical protein MGC4677 (MGC4677), mRNA /cds=(1337,1495) /gb=NM_052871 /gi=16418372 /ug=Hs.432419 /len=1607	NM_052871	Hs.432419	NP_443103
8998	0.030249	neuroepithelial cell transforming gene 1 (NET1), mRNA /cds=(147,1775) /gb=NM_005863 /gi=19923326 /ug=Hs.25155 /len=3236	NM_005863	Hs.25155	NP_005854
8999	0.006463	EST(AV650904 GLC cDNA clone GLCCJF12 3')	AV650904		
9006	0.03788	cDNA FLJ38383 fis, clone FEBRA2003726. /gb=AK095702 /gi=21755022 /ug=Hs.433517 /len=3240	AK095702	Hs.433517	
9011	0.030249	EST(yb62b08.r1 Stratagene ovary (#937217) cDNA clone IMAGE:75735 5')	T58561		NP_002088

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9017	0.025911	UI-H-FH1-bfk-m-06-0-UI.s1 NCI_CGAP_FH1 cDNA clone UI-H-FH1 bfk-m-06-0-UI 3', mRNA sequence /clone=UI-H-FH1-bfk-m-06-0-UI /clone_end=3' /gb=BU618627 /gi=23284842 /ug=Hs.192435 /len=1099	BU618627	Hs.192435	
9018	0.012526	EST382162 MAGE resequences, MAGK cDNA, mRNA sequence /gb=AW970081 /gi=8159926 /ug=Hs.325603 /len=423	AW970081	Hs.325603	
9022	0.007807	hypothetical protein MGC13183 (MGC13183), mRNA /cds=(94,1560) /gb=NM_032358 /gi=14150164 /ug=Hs.59791 /len=2299	NM_032358	Hs.59791	NP_115734
9042	0.047031	UI-CF-FN0-aeu-b-13-0-UI.s1 UI-CF-FN0 cDNA clone UI-CF-FN0-aeu-b-13-0-UI 3', mRNA sequence /clone=UI-CF-FN0-aeu-b-13-0-UI /clone_end=3' /gb=BU689604 /gi=23547505 /ug=Hs.273830 /len=1066	BU689604	Hs.273830	
9046	0.022106	EST(xa08a12.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2567710 3')	AW074833		
9050	0.001501	cDNA FLJ25252 fis, clone STM03814. /gb=AK057981 /gi=16553973 /ug=Hs.16979 /len=2005	AK057981	Hs.16979	
9053	0.006463	UI-H-FL1-bgw-f-18-0-UI.s1 NCI_CGAP_FL1 cDNA clone UI-H-FL1-bgw-f-18-0-UI 3', mRNA sequence /clone=UI-H-FL1-bgw-f-18-0-UI /clone_end=3' /gb=BU634141 /gi=23301396 /ug=Hs.32163 /len=1068	BU634141	Hs.32163	
9059	0.022106	tumor endothelial marker 7-related precursor (TEM7R), mRNA /cds=(10,1599) /gb=NM_032812 /gi=17511212 /ug=Hs.33033 /len=2160	NM_032812	Hs.33033	NP_116201
9060	0.008566	EST(yq85a08.s1 Soares fetal liver spleen 1NFLS clone IMAGE:202550 3')	H53800		NP_056067
9061	0.002565	cDNA FLJ33960 fis, clone CTONG2018843. /gb=AK091279 /gi=21749612 /ug=Hs.126465 /len=2849	AK091279	Hs.126465	
9063	0.035177	clone 23612 mRNA sequence /gb=U90902 /gi=1913880 /ug=Hs.82141 /len=1548	U90902	Hs.82141	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9065	0.018784	UI-H-BI0p-abb-b-05-0-UI.s1 NCI_CGAP_Sub2 cDNA clone IMAGE:2711001 3', mRNA sequence /clone=IMAGE:2711001 /clone_end=3' /gb=AW015262 /gi=5863949 /ug=Hs.440665 /len=854	AW015262	Hs.440665	
9078	0.001062	cDNA FLJ13207 fis, clone NT2RP4000023. /gb=AK023269 /gi=10435128 /ug=Hs.14355 /len=2633	AK023269	Hs.14355	
9079	0.025911	cDNA FLJ38641 fis, clone HHDPC2003983. /gb=AK095960 /gi=21755328 /ug=Hs.24831 /len=2685	AK095960	Hs.24831	
9102	0.027314	cDNA FLJ10071 fis, clone HEMBA1001702. /gb=AK000933 /gi=7021908 /ug=Hs.28661 /len=2570	AK000933	Hs.28661	
9113	0.043799	chromosome 9 open reading frame 19 (C9orf19), mRNA /cds=(35,499) /gb=NM_022343 /gi=22095361 /ug=Hs.302766 /len=1900	NM_022343	Hs.302766	NP_071738
9114	0.003947	EST(cDNA clone IMAGE:2504565 3')	AW009489		
9115	0.003947	nac28g05.x1 Lupski_sciatic_nerve cDNA clone IMAGE:3394737 3', mRNA sequence /clone=IMAGE:3394737 /clone_end=3' /gb=BG151547 /gi=12663577 /ug=Hs.302830 /len=514	BG151547	Hs.302830	
9119	0.025911	wg58a10.x1 Soares_NSF_F8_9W_OT_PA_P_S1 cDNA clone IMAGE:2369274 3', mRNA sequence /clone=IMAGE:2369274 /clone_end=3' /gb=AI760121 /gi=5175788 /ug=Hs.295720 /len=457	AI760121	Hs.295720	
9120	0.022802	EST(cDNA clone IMAGE:4371289 5')	BG112978		NP_001767
9129	0.015895	EST(cDNA.	AW896077		
9130	9.43E-04	CGI-18 protein (CGI-18), mRNA /cds=(421,1491) /gb=NM_015947 /gi=7705601 /ug=Hs.121599 /len=2305	NM_015947	Hs.121599	NP_057031
9131	2.32E-04	ESTs, cDNA, 5' end /clone=IMAGE:4148900 /clone_end=5' /gb=BF342391 /gi=11289392 /ug=Hs.30469 /len=803	BF342391	Hs.30469	NP_055313

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9133	0.003563	UI-H-BW1-anh-g-07-0-UI.s1 NCI_CGAP_Sub7 cDNA clone IMAGE:3082548 3', mRNA sequence /clone=IMAGE:3082548 /clone_end=3' /gb=BF514691 /gi=11599870 /ug=Hs.437157 /len=608	BF514691	Hs.437157	
9134	0.002096	te65d01.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2091553 3', mRNA sequence /clone=IMAGE:2091553 /clone_end=3' /gb=AI377292 /gi=4187145 /ug=Hs.410753 /len=238	AI377292	Hs.410753	
9153	0.025911	AGENCOURT_8584280 Lupski_sympathetic_trunk cDNA clone IMAGE:6192820 5', mRNA sequence /clone=IMAGE:6192820 /clone_end=5' /gb=BQ876563 /gi=22268571 /ug=Hs.346743 /len=925	BQ876563	Hs.346743	
9154	0.014599	mRNA; cDNA DKFZp564B213 (from clone DKFZp564B213) /gb=AL049240 /gi=4499973 /ug=Hs.380268 /len=767	AL049240	Hs.380268	
9155	0.009388	cDNA FLJ36544 fis, clone TRACH2006378. /gb=AK093863 /gi=21752807 /ug=Hs.101689 /len=2670	AK093863	Hs.101689	
9157	0.018784	mRNA; cDNA DKFZp451O1818 (from clone DKFZp451O1818) /gb=AL832650 /gi=21733226 /ug=Hs.12396 /len=4870	AL832650	Hs.12396	
9158	0.047031	FLJ14877 fis, clone PLACE1003044 /cds=(117,1328) /gb=AK027783 /gi=14042716 /ug=Hs.200073 /len=2786	AK027783	Hs.200073	NP_060918
9174	0.008566	UI-E-EJ0-ahs-e-16-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-ahs-e-16-0-UI 5', mRNA sequence /clone=UI-E-EJ0-ahs-e-16-0-UI /clone_end=5' /gb=BM714718 /gi=19027976 /ug=Hs.446458 /len=1136	BM714718	Hs.446458	
9178	0.032636	EST(cDNA clone IMAGE:2954041 3')	AW612522		NP_065898
9191	0.035177	xe48d03.x1 NCI_CGAP_Ut3 cDNA clone IMAGE:2611109 3', mRNA sequence /clone=IMAGE:2611109 /clone_end=3' /gb=AW080070 /gi=6035222 /ug=Hs.245603 /len=479	AW080070	Hs.245603	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9210	0.023945	cDNA: FLJ23285 fis, clone HEP09071. /gb=AK026938 /gi=10439914 /ug=Hs.406650 /len=2245	AK026938	Hs.406650	
9232	0.032636	clone IMAGE:5265853, mRNA /gb=BC037736 /gi=23337068 /ug=Hs.397840 /len=3811	BC037736	Hs.397840	
9236	0.047031	cDNA FLJ38586 fis, clone HCHON2009384. /gb=AK095905 /gi=21755256 /ug=Hs.293821 /len=2631	AK095905	Hs.293821	
9240	0.004367	cDNA /gb=AW971782 /gi=8161628 /ug=Hs.193559 /len=619	AW971782	Hs.193559	NP_079130
9254	0.032636	wf29f08.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2357031 3', mRNA sequence /clone=IMAGE:2357031 /clone_end=3' /gb=AI827467 /gi=5448138 /ug=Hs.245510 /len=520	AI827467	Hs.245510	
9260	0.015895	eukaryotic translation initiation factor 4 gamma, 2 (EIF4G2), mRNA /cds=(307,3030) /gb=NM_001418 /gi=4503538 /ug=Hs.183684 /len=3820	NM_001418	Hs.183684	NP_001409
9268	0.023945	cDNA FLJ10976 fis, clone PLACE1001399. /gb=AK001838 /gi=7023355 /ug=Hs.355608 /len=2116	AK001838	Hs.355608	
9271	0.012276	fj53d02.x1 adult brain Danio rerio cDNA 3' similar to SW:EF2_CHICK Q90705 ELONGATION FACTOR 2 ;	AW281691		
9275	0.011238	ESTs, cDNA, 5' end /clone=IMAGE:3857750 /clone_end=5' /gb=BF035134 /gi=10742846 /ug=Hs.195789 /len=847	BF035134	Hs.195789	
9298	0.007807	ad47h05.s1 Stratagene lung carcinoma 937218 cDNA clone IMAGE:884889 3' similar to gb:X51956_rna1 GAMMA ENOLASE Alu repetitive element;contains element TAR1 repetitive element ;, mRNA sequence /clone=IMAGE:884889 /clone_end=3' /gb=AA669458 /gi=2630957 /ug=Hs.445542 /len=926	AA669458	Hs.445542	
9303	0.015895	No significant match	SEQ.ID.No.29		
9307	3.95E-04	No significant match, ORF+3(276~407),+2(440~541)	SEQ.ID.No.51		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9312	0.032636	No significant match, ORF-1(48~350)	SEQ.ID.No.78		
9318	0.014599	No significant match	SEQ.ID.No.102		
9328	0.004367	EST(fetal liver spleen 1NFLS cDNA clone IMAGE:120299 5')	T97113		NP_055559
9350	0.007807	No significant match, ORF+2(389~530)	SEQ.ID.No.87		
9352	0.017288	Novel	SEQ.ID.No.92		
9355	7.41E-04	No significant match (ORF:-3:4~240[237])	SEQ.ID.No.19		
9386	0.012276	cDNA: FLJ21243 fis, clone COL01164. /gb=AK024896 /gi=10437310 /ug=Hs.268016 /len=1880	AK024896	Hs.268016	
9390	6.56E-04	ribosomal protein L13a (RPL13A), mRNA /cds=(23,634) /gb=NM_012423 /gi=14591905 /ug=Hs.389335 /len=1142	NM_012423	Hs.389335	NP_036555
9392	0.004367	AGENCOURT_6400386 NIH_MGC_67 cDNA clone IMAGE:5495662 5', mRNA sequence /clone=IMAGE:5495662 /clone_end=5' /gb=BM799714 /gi=19116537 /ug=Hs.356635 /len=1153	BM799714	Hs.356635	
9400	0.002096	SKB1 (S. pombe) (SKB1), mRNA /cds=(92,2005) /gb=NM_006109 /gi=20070219 /ug=Hs.12912 /len=2413	NM_006109	Hs.12912	NP_006100
9405	0.010277	ferritin, light polypeptide (FTL), mRNA /cds=(189,716) /gb=NM_000146 /gi=20149497 /ug=Hs.430150 /len=878	NM_000146	Hs.430150	NP_000137
9423	0.032636	vesicle amine transport protein 1 (T californica) (VAT1), mRNA /cds=(57,1238) /gb=NM_006373 /gi=18379348 /ug=Hs.157236 /len=2738	NM_006373	Hs.157236	NP_006364
9424	0.004367	MCM4 (MCM4) and DNA-PKcs (PRKDC) genes, partial cds	U63630		
9431	0.011238	chromosome 11 open reading frame 24 (C11orf24), mRNA /cds=(403,1752) /gb=NM_022338 /gi=11641238 /ug=Hs.303025 /len=2058	NM_022338	Hs.303025	NP_071733
9442	0.001193	GTP binding protein overexpressed in skeletal muscle (GEM), mRNA /cds=(214,1104) /gb=NM_005261 /gi=4885262 /ug=Hs.79022 /len=2156	NM_005261	Hs.79022	NP_005252

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9445	0.002096	barrier to autointegration factor (BCRP1), mRNA /cds=(508,777) /gb=NM_003860 /gi=11038645 /ug=Hs.433759 /len=1192	NM_003860	Hs.433759	NP_003851
9450	0.02801	FK506 binding protein 3, 25kDa (FKBP3), mRNA /cds=(412,1086) /gb=NM_002013 /gi=17149845 /ug=Hs.379557 /len=1420	NM_002013	Hs.379557	NP_002004
9451	0.00587	phospholipase A2-activating protein (PLAA), mRNA /cds=(29,2245) /gb=NM_004253 /gi=21361288 /ug=Hs.27182 /len=3240	NM_004253	Hs.27182	NP_004244
9453	0.007107	mRNA for KIAA1705 protein, partial cds. /cds=(1714,3210) /gb=AB051492 /gi=12697954 /ug=Hs.7076 /len=3949	AB051492	Hs.7076	
9455	0.040751	likely ortholog of mouse tumor differentially expressed 1, like (TDE1L), mRNA /cds=(76,1437) /gb=NM_020755 /gi=24308212 /ug=Hs.146668 /len=3149	NM_020755	Hs.146668	NP_065806
9458	0.043799	solute carrier family 38, member 2 (SLC38A2), mRNA /cds=(352,1872) /gb=NM_018976 /gi=21361601 /ug=Hs.298275 /len=4795	NM_018976	Hs.298275	NP_061849
9466	0.007107	hypothetical protein FLJ10891 (FLJ10891), mRNA /cds=(128,1525) /gb=NM_018260 /gi=8922743 /ug=Hs.274169 /len=2864	NM_018260	Hs.274169	NP_060730
9479	0.003947	ALS2CR18 mRNA (=cDNA FLJ12667 fis)	AB053320		NP_079528
9486	0.001193	neural precursor cell expressed, developmentally down-regulated 5 (NEDD5), mRNA /cds=(259,1344) /gb=NM_004404 /gi=4758157 /ug=Hs.155595 /len=3433	NM_004404	Hs.155595	NP_004395
9491	6.35E-05	clone IMAGE:2960008, mRNA /gb=BC017253 /gi=16878090 /ug=Hs.433345 /len=1405	BC017253	Hs.433345	
9512	0.047031	mitochondrial ribosomal protein L32 (MRPL32), nuclear gene encoding mitochondrial protein, mRNA /cds=(47,613) /gb=NM_031903 /gi=13994260 /ug=Hs.50252 /len=903	NM_031903	Hs.50252	NP_114109
9515	0.03788	beta-amyloid binding protein precursor (BBP), mRNA /cds=(304,927) /gb=NM_032027 /gi=17738309 /ug=Hs.333541 /len=1250	NM_032027	Hs.333541	NP_114416

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9530	0.015895	hypothetical protein FLJ10856 (FLJ10856), mRNA /cds=(148,1233) /gb=NM_018247 /gi=8922719 /ug=Hs.108530 /len=3720	NM_018247	Hs.108530	NP_060717
9533	0.009388	hypothetical protein FLJ20303 (FLJ20303), mRNA /cds=(86,1681) /gb=NM_017755 /gi=8923284 /ug=Hs.17138 /len=2427	NM_017755	Hs.17138	NP_060225
9536	0.043799	DKFZP586D0824 protein, clone MGC:40527 IMAGE:5208411, mRNA, complete cds /cds=(65,1078) /gb=BC032345 /gi=21595443 /ug=Hs.128797 /len=1499	BC032345	Hs.128797	NP_056475
9543	0.002602	NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase) (NDUFS3), mRNA /cds=(13,807) /gb=NM_004551 /gi=4758787 /ug=Hs.429506 /len=899	NM_004551	Hs.429506	NP_004542
9551	0.00587	transmembrane protein vezatin (VEZATIN), mRNA /cds=(177,1886) /gb=NM_017599 /gi=19923537 /ug=Hs.24135 /len=3949	NM_017599	Hs.24135	NP_060069
9555	0.025911	D15F37 pseudogene, S3 allele, mRNA sequence /gb=AF041080 /gi=3660662 /ug=Hs.426451 /len=6071	AF041080	Hs.426451	
9566	0.004825	cDNA FLJ31107 fis, clone IMR322000152. /gb=AK055669 /gi=16550452 /ug=Hs.405954 /len=2250	AK055669	Hs.405954	
9586	0.023945	NRRL 4123 mitochondrial ribosomal RNA, small subunit, mitochondrial gene, partial sequence	U29233		
9594	0.03788	serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 (SERPINE2), mRNA /cds=(210,1406) /gb=NM_006216 /gi=24307906 /ug=Hs.21858 /len=2129	NM_006216	Hs.21858	NP_006207
9598	0.018254	mRNA; cDNA DKFZp761C169 (from clone DKFZp761C169); partial cds /cds=(997,2475) /gb=AL161991 /gi=7328122 /ug=Hs.71252 /len=3324	AL161991	Hs.71252	NP_075064
9608	0.003563	sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein) (SGCA), mRNA /cds=(12,1175) /gb=NM_000023 /gi=4506910 /ug=Hs.99931 /len=1404	NM_000023	Hs.99931	NP_000014

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9609	0.017288	wingless-type MMTV integration site family, member 5A (WNT5A), mRNA /cds=(758,1855) /gb=NM_003392 /gi=17402917 /ug=Hs.152213 /len=4428	NM_003392	Hs.152213	NP_003383
9623	0.030249	KIAA0854 protein (KIAA0854), mRNA /cds=(305,2818) /gb=NM_014943 /gi=7662341 /ug=Hs.30209 /len=4089	NM_014943	Hs.30209	NP_055758
9642	0.036556	FK506 binding protein 11, 19 kDa (FKBP11), mRNA /cds=(73,678) /gb=NM_016594 /gi=7706130 /ug=Hs.24048 /len=727	NM_016594	Hs.24048	NP_057678
9645	0.018784	SET domain and mariner transposase fusion gene (SETMAR), mRNA /cds=(23,2038) /gb=NM_006515 /gi=5730038 /ug=Hs.265855 /len=2063	NM_006515	Hs.265855	NP_006506
9646	0.010277	mitochondrial ribosomal protein S5 (MRPS5), nuclear gene encoding mitochondrial protein, mRNA /cds=(219,1511) /gb=NM_031902 /gi=16554614 /ug=Hs.433117 /len=1678	NM_031902	Hs.433117	NP_114108
9648	0.043799	Similar to RIKEN cDNA 1500009M05 gene, clone MGC:40370 IMAGE:5105935, mRNA, complete cds /cds=(45,452) /gb=BC032300 /gi=21619026 /ug=Hs.295953 /len=1617	BC032300	Hs.295953	
9676	0.020388	EST(hh39d05.x1 NCI_CGAP_Co14 clone IMAGE:2957481 3' contains MER33 repeat)	AW612954		
9682	0.005325	BX091044 Soares retina N2b4HR cDNA clone IMAGp998D18828 ; IMAGE:360161, mRNA sequence /clone=IMAGp998D18828_;_IMAGE:360161 /gb=BX091044 /gi=27826224 /ug=Hs.435655 /len=644	BX091044	Hs.435655	
9683	0.018784	cDNA FLJ12246 fis, clone MAMMA1001343. /gb=AK022308 /gi=10433677 /ug=Hs.188853 /len=1766	AK022308	Hs.188853	
9699	0.001339	EST(zeh1487.seq.F Zebrafish Embryonic Heart cDNA Library cDNA 5')	AI354098		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9712	0.005325	wl54c05.x1 NCI_CGAP_Brn25 cDNA clone IMAGE:2428712 3', mRNA sequence /clone=IMAGE:2428712 /clone_end=3' /gb=AI864553 /gi=5528660 /ug=Hs.371597 /len=474	AI864553	Hs.371597	
9721	0.018784	EST(yj01e06.r1 clone 147490 5')	R81297		NP_057707
9725	0.043799	EST UI-H-BI0p-aav-d-02-0-UI.s1 NCI_CGAP_Sub2 cDNA clone IMAGE:2710683 3'	AW016422		
9736	0.030249	EST(wl38a07.x1 NCI_CGAP_Ut1 clone IMAGE:2427156 3')	AI858415		NP_079457
9747	0.015895	EST(ya49e04.r2 clone 53081 5')	R16260		
9751	0.032636	hypothetical protein FLJ20234=AK000241) unnamed protein product [Homo sapiens]	NP_060190		
9759	0.009388	DKFZp313I1120_r1 313 (synonym: hlcc2) cDNA clone DKFZp313I1120 5', mRNA sequence /clone=DKFZp313I1120 /clone_end=5' /gb=AL598463 /gi=15161154 /ug=Hs.277519 /len=765	AL598463	Hs.277519	
9774	0.043799	cDNA FLJ36605 fis, clone TRACH2015316, highly similar to VIMENTIN. /cds=(631,1317) /gb=AK093924 /gi=21752883 /ug=Hs.379100 /len=2665	AK093924	Hs.379100	
9804	2.66E-04	RNA polymerase III subunit RPC2 (RPC2), mRNA /cds=(54,3455) /gb=NM_018082 /gi=24475856 /ug=Hs.197642 /len=4102	NM_018082	Hs.197642	NP_060552
9805	0.035177	EST (qh12h02.x1 Soares_NFL_T_GBC_S1 IMAGE:1844499 3')	AI240516		
9812	0.010277	mRNA; cDNA DKFZp313C1042 (from clone DKFZp313C1042) /gb=AL833436 /gi=21734078 /ug=Hs.376859 /len=2103	AL833436	Hs.376859	
9818	0.025911	EST (zn89e09.s1 Stratagene lung carcinoma 937218 cDNA clone IMAGE:565384 3')	AA127265		
9819	0.001193	EST (yq42a05.r1 Soares fetal liver spleen	R94397		
9820	0.002602	EST (nk75h03.s1 NCI_CGAP_Sch1 cDNA clone IMAGE:1019381 3')	AA551135		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9821	0.03788	602583204F1 NIH_MGC_76 cDNA clone IMAGE:4710961 5', mRNA sequence /clone=IMAGE:4710961 /clone_end=5' /gb=BG565597 /gi=13573250 /ug=Hs.430998 /len=827	BG565597	Hs.430998	
9827	0.009388	EST CB H.sapiens cDNA clone CBCCHD05 5'	AV743921		
9836	0.013394	clone IMAGE:3629966, mRNA /gb=BC005082 /gi=13937698 /ug=Hs.334575 /len=1734	BC005082	Hs.334575	
9837	0.018784	growth differentiation factor 8 (GDF8), mRNA /cds=(134,1261) /gb=NM_005259 /gi=4885258 /ug=Hs.41565 /len=2823	NM_005259	Hs.41565	NP_005250
9850	0.025911	cDNA FLJ11946 fis, clone HEMBB1000709. /gb=AK022008 /gi=10433321 /ug=Hs.323231 /len=3241	AK022008	Hs.323231	
9857	0.009388	vesicle-associated membrane protein 5 (myobrevin) (VAMP5), mRNA /cds=(58,408) /gb=NM_006634 /gi=5730111 /ug=Hs.74669 /len=618	NM_006634	Hs.74669	NP_006625
9858	0.003563	FLJ32223 fis, clone PLACE6004312	AK056785		
9859	0.03788	FLJ11812 fis, clone HEMBA1006364 /cds=UNKNOWN /gb=AK021874 /gi=10433160 /ug=Hs.23837 /len=1369	AK021874	Hs.23837	
9875	0.023945	heat shock 27kDa protein 2 (HSPB2), mRNA /cds=(70,618) /gb=NM_001541 /gi=4504518 /ug=Hs.78846 /len=874	NM_001541	Hs.78846	NP_001532
9890	6.56E-04	FKSG64 (FKSG64) mRNA, complete cds /cds=(66,440) /gb=AF338199 /gi=12802898 /ug=Hs.143740 /len=916	AF338199	Hs.143740	
9891	0.002096	isocitrate dehydrogenase 2 (NADP), mitochondrial (IDH2), nuclear gene encoding mitochondrial protein, mRNA /cds=(87,1445) /gb=NM_002168 /gi=28178831 /ug=Hs.5337 /len=1740	NM_002168	Hs.5337	NP_002159
9903	0.010277	hypothetical protein MGC40157 (MGC40157), mRNA /cds=(106,498) /gb=NM_152350 /gi=22748758 /ug=Hs.295362 /len=1250	NM_152350	Hs.295362	NP_689563

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
9904	0.005325	O-linked mannose beta1,2-N-acetylglucosaminyltransferase (FLJ20277), mRNA /cds=(142,2124) /gb=NM_017739 /gi=8923252 /ug=Hs.183860 /len=2737	NM_017739	Hs.183860	NP_060209
9907	0.040751	glucuronidase, beta (GUSB), mRNA /cds=(27,1982) /gb=NM_000181 /gi=4504222 /ug=Hs.183868 /len=2191	NM_000181	Hs.183868	NP_000172
9909	0.030249	clone IMAGE:5263531, mRNA /gb=BC037740 /gi=22902216 /ug=Hs.18016 /len=5036	BC037740	Hs.18016	
9919	0.040751	B-cell receptor-associated protein BAP29 (BAP29), mRNA /cds=(47,775) /gb=NM_018844 /gi=9994198 /ug=Hs.27135 /len=1085	NM_018844	Hs.27135	NP_061332
9940	0.023945	BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like (BRF2), mRNA /cds=(111,1370) /gb=NM_018310 /gi=22035561 /ug=Hs.274136 /len=1978	NM_018310	Hs.274136	NP_060780
9941	0.030249	ribonucleotide reductase M1 polypeptide (RRM1), mRNA /cds=(233,2611) /gb=NM_001033 /gi=21071083 /ug=Hs.2934 /len=3117	NM_001033	Hs.2934	NP_001024
9952	0.008566	FLJ00023 protein, partial cds /cds=UNKNOWN /gb=AK024433 /gi=10440374 /ug=Hs.23450	AK024433	Hs.23450	NP_071942
9966	0.030249	chromosome 2 open reading frame 6 (C2orf6), mRNA /cds=(184,834) /gb=NM_018221 /gi=8922670 /ug=Hs.196437 /len=2543	NM_018221	Hs.196437	NP_060691
9967	0.003563	cDNA FLJ13630 fis, clone PLACE1011057. /gb=AK023692 /gi=10435695 /ug=Hs.432871 /len=2234	AK023692	Hs.432871	
9989	0.032636	protein tyrosine phosphatase, receptor-type, Z polypeptide 1 (PTPRZ1), mRNA /cds=(148,7092) /gb=NM_002851 /gi=4506328 /ug=Hs.78867 /len=7941	NM_002851	Hs.78867	NP_002842
9990	0.025911	hypothetical protein FLJ23467 (FLJ23467), mRNA /cds=(103,657) /gb=NM_024575 /gi=13375749 /ug=Hs.16179 /len=1196	NM_024575	Hs.16179	NP_078851

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10000	0.035177	Delta sleep inducing peptide, immunoreactor, mRNA for GILZ, complete cds /cds=(233,637) /gb=AB025432 /gi=11527558 /ug=Hs.75450 /len=2028 (=TSC-22 related protein (TSC-22R) mRNA, complete cds, AF153603.1)	AB025432	Hs.75450	NP_004080
10003	0.040751	of rat nadrin (RICH1), mRNA /cds=(71,2482) /gb=NM_018054 /gi=21361735 /ug=Hs.14169 /len=3219	NM_018054	Hs.14169	NP_060524
10009	0.047031	nucleolar protein GU2 (GU2), mRNA /cds=(108,2321) /gb=NM_024045 /gi=13129005 /ug=Hs.7392 /len=2575	NM_024045	Hs.7392	NP_076950
10026	0.030249	dishevelled associated activator of morphogenesis 1 (DAAM1), mRNA /cds=(126,3362) /gb=NM_014992 /gi=21071076 /ug=Hs.197751 /len=4256	NM_014992	Hs.197751	NP_055807
10033	0.023945	hypothetical protein FLJ11753 (FLJ11753), mRNA /cds=(14,832) /gb=NM_024659 /gi=13375910 /ug=Hs.62348 /len=1868	NM_024659	Hs.62348	NP_078935
10036	1.53E-04	src 3 domain-containing protein HIP-55 (HIP-55), mRNA /cds=(31,1326) /gb=NM_014063 /gi=21361669 /ug=Hs.183373 /len=2170	NM_014063	Hs.183373	NP_054782
10049	0.015895	FLJ12209 fis, clone MAMMA1000962 /cds=UNKNOWN /gb=AK022271 /gi=10433630 /ug=Hs.366548 /len=1239	AK022271	Hs.366548	
10052	0.024732	casein kinase (LOC149420), mRNA /cds=(290,1315) /gb=NM_152835 /gi=22779869 /ug=Hs.29911 /len=4299	NM_152835	Hs.29911	NP_690048
10057	6.22E-04	nucleosome assembly protein 1-like 3 (NAP1L3), mRNA /cds=(265,1785) /gb=NM_004538 /gi=21327709 /ug=Hs.21365 /len=2634	NM_004538	Hs.21365	NP_004529
10058	0.014599	ribosomal protein L36a-like (RPL36AL), mRNA /cds=(95,415) /gb=NM_001001 /gi=16306559 /ug=Hs.419465 /len=537	NM_001001	Hs.419465	NP_000992
10059	6.35E-05	LGN protein (HSU54999), mRNA /cds=(174,2207) /gb=NM_013296 /gi=9558734 /ug=Hs.278338 /len=2336	NM_013296	Hs.278338	NP_037428

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10060	0.004367	roundabout, axon guidance receptor, 1 (Drosophila) (ROBO1), transcript variant 2, mRNA /cds=(964,5802) /gb=NM_133631 /gi=19743805 /ug=Hs.301198 /len=7475	NM_133631	Hs.301198	NP_598334
10062	0.025213	ubiquitin-like, containing PHD and RING finger domains 2 (URF2), transcript variant 1, mRNA /cds=(341,1852) /gb=NM_152306 /gi=23312361 /ug=Hs.348602 /len=3720	NM_152306	Hs.348602	NP_690856
10069	0.022106	hypothetical protein FLJ20297 (FLJ20297), mRNA /cds=(111,2507) /gb=NM_017751 /gi=8923276 /ug=Hs.94491 /len=3682	NM_017751	Hs.94491	NP_060421
10081	0.017288	CDC5 cell division cycle 5-like (S. pombe) (CDC5L), mRNA /cds=(260,2668) /gb=NM_001253 /gi=16357499 /ug=Hs.155174 /len=3012	NM_001253	Hs.155174	NP_001244
10083	0.009388	cDNA FLJ12874 fis, clone NT2RP2003769. /gb=AK022936 /gi=10434613 /ug=Hs.56847 /len=2867	AK022936	Hs.56847	
10084	0.009388	hypothetical protein MGC11034 (MGC11034), mRNA /cds=(246,641) /gb=NM_031453 /gi=13899290 /ug=Hs.103378 /len=3301	NM_031453	Hs.103378	NP_113641
10085	2.32E-04	mRNA for KIAA0931 protein, partial cds. /cds=(1,2205) /gb=AB023148 /gi=4589505 /ug=Hs.173373 /len=6167	AB023148	Hs.173373	
10087	0.010277	cDNA FLJ30064 fis, clone ADRGL2000323. /cds=(118,516) /gb=AK054626 /gi=16549205 /ug=Hs.188504 /len=2081	AK054626	Hs.188504	
10094	0.00168	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 2(NFKBIL2), mRNA /cds=(473,4132) /gb=NM_013432/gi=15718771 /ug=Hs.323834 /len=4501	NM_013432	Hs.323834	NP_038460
10102	0.020388	hypothetical protein FLJ23445 (FLJ23445), mRNA /cds=(44,658) /gb=NM_025075 /gi=13376622 /ug=Hs.288151 /len=963	NM_025075	Hs.288151	NP_079351

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10103	0.013394	eukaryotic translation elongation factor 1 gamma (EEF1G), mRNA /cds=(38,1351) /gb=NM_001404 /gi=25453475 /ug=Hs.256184 /len=1429	NM_001404	Hs.256184	NP_001395
10111	2.66E-04	ubiquitin-conjugating enzyme E2G 2 (UBC7 yeast) (UBE2G2), mRNA /cds=(56,553) /gb=NM_003343 /gi=4507780 /ug=Hs.192853 /len=2900	NM_003343	Hs.192853	NP_003334
10112	0.043799	COP9 constitutive photomorphogenic subunit 5 (Arabidopsis) (COPS5), mRNA /cds=(121,1125) /gb=NM_006837 /gi=5803045 /ug=Hs.380969 /len=1277	NM_006837	Hs.380969	NP_006828
10130	0.021	UI-H-EU1-bad-c-14-0-UI.s1 NCI_CGAP_Ct1 cDNA clone UI-H-EU1-bad-c-14-0-UI 3', mRNA sequence /clone=UI-H-EU1-bad-c-14-0-UI /clone_end=3' /gb=BQ447141 /gi=21250253 /ug=Hs.445111 /len=1032	BQ447141	Hs.445111	
10152	0.007107	EST(oa36e01.s1 NCI_CGAP_GCB1 clone IMAGE:1307064 contains Alu repeat) (low match)	AA766399		
10170	0.013394	EST (ts95a10.x1 NCI_CGAP_GC6 cDNA clone IMAGE:2239002 3')	AI635513		
10177	0.02801	EST Soares_senescent_fibroblasts_NbHSF cDNA clone IMAGE:323750 3'	W44584		
10178	0.010277	EST382135 MAGE resequences, MAGK cDNA, mRNA sequence /gb=AW970055 /gi=8159900 /ug=Hs.324815 /len=764	AW970055	Hs.324815	
10180	0.02801	WW45 protein (WW45), mRNA /cds=(339,1490) /gb=NM_021818 /gi=18860913 /ug=Hs.288906 /len=3031	NM_021818	Hs.288906	NP_068590
10186	0.047031	transmembrane 4 superfamily member 6 (TM4SF6), mRNA /cds=(104,841) /gb=NM_003270 /gi=21265115 /ug=Hs.121068 /len=2069	NM_003270	Hs.121068	NP_003261
10206	0.043799	RAB6A, member RAS oncogene family (RAB6A), mRNA /cds=(427,1053) /gb=NM_002869 /gi=19923230 /ug=Hs.5636 /len=3079	NM_002869	Hs.5636	NP_002860

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10212	0.017288	EST(ye51h07.s1 Soares fetal liver spleen 1NFLS clone IMAGE:121309 3' similar to contains Alu repetitive element;contains L1 repetitive element)	T96639		
10219	0.02801	chemokine-like factor super family 6 (CKLFSF6), mRNA /cds=(108,659) /gb=NM_017801 /gi=8923369 /ug=Hs.380627 /len=1904	NM_017801	Hs.380627	NP_060271
10229	0.017755	complement C1r-like proteinase precursor, (LOC51279), mRNA /cds=(18,1481) /gb=NM_016546 /gi=7706082 /ug=Hs.98571 /len=3345	NM_016546	Hs.98571	NP_057630
10240	0.007107	hypothetical protein DKFZp586C1924 (DKFZp586C1924), mRNA /cds=(106,693) /gb=NM_032273 /gi=14150016 /ug=Hs.108338 /len=782	NM_032273	Hs.108338	NP_115649
10266	0.017288	EST yi39c07.s1 Soares placenta Nb2HP cDNA clone IMAGE:141612 3' similar to contains Alu repetitive element;	R69076		
10267	0.047031	BX114194 Soares melanocyte 2NbHM cDNA clone IMAGp998J14570, mRNA sequence /clone=IMAGp998J14570_;_IMAGE:261229 /gb=BX114194 /gi=27838661 /ug=Hs.176420 /len=687	BX114194	Hs.176420	
10276	0.00587	Hypothetical protein(cDNA sequence FLJ11311 fis, clone PLACE1010102) (=cDNA sequence DKFZp566J2146)	AK002173		NP_689971
10278	0.007807	7b50e11.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:3231692 3', mRNA sequence /clone=IMAGE:3231692 /clone_end=3' /gb=BE550231 /gi=9791923 /ug=Hs.282013 /len=550	BE550231	Hs.282013	
10282	0.040751	EST (7o83a06.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:3642898 3')	BF197462		
10286	0.003563	Similar to cell death activator CIDE-3, clone MGC:50748 IMAGE:5204770, mRNA, complete cds /cds=(432,617) /gb=BC043599 /gi=27694390 /ug=Hs.432698 /len=1832	BC043599	Hs.432698	
10287	9.43E-04	EST (ye08g06.r1 Stratagene lung (#937210) cDNA clone IMAGE:1171785')	T87941		
10292	0.002337	EST (qn52a04.x1 NCI_CGAP_Kid5 IMAGE:1901838 3')	AI302546		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10295	0.040751	EST(hi61a05.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2976752 3')	AW631139		
10312	0.033876	TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kDa (TAF1A), transcript variant 1, mRNA /cds=(190,1542) /gb=NM_005681 /gi=21536363 /ug=Hs.153088 /len=1893	NM_005681	Hs.153088	NP_647603
10313	0.001339	UI-E-CI1-agf-h-05-0-UI.r1 UI-E-CI1 cDNA clone UI-E-CI1-agf-h-05-0-UI 5', mRNA sequence /clone=UI-E-CI1-agf-h-05-0-UI /clone_end=5' /gb=BM705313 /gi=19018571 /ug=Hs.406335 /len=1200	BM705313	Hs.406335	
10324	5.79E-04	HNC49-1-E8.R HNC Normal Cartilage) cDNA, mRNA sequence /gb=BG929317 /gi=14323840 /ug=Hs.244283 /len=755	BG929317	Hs.244283	
10325	0.001501	EST IL2-UM0076-130500-084-A01 UM0076 cDNA	AW802834		
10330	0.004367	EST xa58b09.x1 NCI_CGAP_HSC2 cDNA clone IMAGE:2570969 3' similar to contains Alu repetitive element;	AW073612		
10343	0.008566	cDNA FLJ14028 fis, clone HEMBA1003838	AK024090		
10352	2.32E-04	EST RC2-HT0977-211100-018-b02 HT0977 cDNA	BF837494		
10353	0.039408	EST (clone MGC:8720 IMAGE:3868798 /cds=(12,431)	BC011369.1		AAH11369.1
10354	3.04E-04	EST (cn12g10.x1 Normal Trabecular Bone Cells H.sapiens cDNA clone NHTBC_cn12g10 random)	AI751952		NP_037359
10355	0.018784	selenoprotein H (SELH), mRNA /cds=(243,611) /gb=NM_170746 /gi=25014108 /ug=Hs.290874 /len=834	NM_170746	Hs.290874	NP_734467
10357	0.040751	ribosomal protein L23 (RPL23), mRNA /cds=(27,449) /gb=NM_000978 /gi=14591907 /ug=Hs.234518 /len=493	NM_000978	Hs.234518	NP_000969
10358	0.003947	cDNA, 5' end /clone=IMAGE:4148900 /clone_end=5' /gb=BF342391 /gi=11289392 /ug=Hs.30469 /len=803	BF342391	Hs.30469	NP_055313
10361	0.040751	Est (zf66a10.s1 Soares retina N2b4HR IMAGE:381882 3')	AA058771		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10363	0.002337	Similar to RIKEN cDNA 2310026P19 gene, clone MGC:49935 IMAGE:6175382, mRNA, complete cds /cds=(288,3329) /gb=BC043352 /gi=27694113 /ug=Hs.35096 /len=5900	BC043352	Hs.35096	
10364	0.035177	EST (QV3-NN1023-130500-178-g10 NN1023)	AW902437		
10367	0.004367	hypothetical protein BC009518 (LOC90799), mRNA /cds=(59,2524) /gb=NM_138363 /gi=19923898 /ug=Hs.135265 /len=2705	NM_138363	Hs.135265	NP_612372
10390	0.001878	EST (tf13a08.x5 NCI_CGAP_Brn23 cDNA clone IMAGE:2096054 3')	AI939444		
10392	0.002096	ribosomal protein, large, P1 (RPLP1), mRNA /cds=(130,474) /gb=NM_001003 /gi=16905511 /ug=Hs.424299 /len=512	NM_001003	Hs.424299	NP_000994
10397	0.012276	maternal G10 transcript (G10), mRNA /cds=(380,814) /gb=NM_003910 /gi=4503836 /ug=Hs.380233 /len=1003	NM_003910	Hs.380233	NP_003901
10400	0.001062	EST (602616324F1 NIH_MGC_79 cDNA clone IMAGE:4730333 5')	BG619143		
10401	7.41E-04	EST (Clontech human aorta polyA mRNA (#6572) cDNA clone GEN-041E02 5')	C14262		
10403	0.023945	wb40b11.x1 NCI_CGAP_GC6 cDNA clone IMAGE:2308125 3', mRNA sequence /clone=IMAGE:2308125 /clone_end=3' /gb=AI652865 /gi=4736844 /ug=Hs.374238 /len=598	AI652865	Hs.374238	
10436	0.032636	Indian hedgehog (Drosophila), clone MGC:34815 IMAGE:5182642, mRNA, complete cds /cds=(74,955) /gb=BC034757 /gi=21961329 /ug=Hs.115274 /len=1760	BC034757	Hs.115274	
10437	0.017288	UI-H-EI1-aze-c-02-0-UI.s1 NCI_CGAP_EI1 cDNA clone IMAGE:5847481 3', mRNA sequence /clone=IMAGE:5847481 /clone_end=3' /gb=BQ003590 /gi=19728490 /ug=Hs.29698 /len=1051	BQ003590	Hs.29698	
10439	0.017288	clone IMAGE:4157625, mRNA /gb=BC033767 /gi=22832873 /ug=Hs.271450 /len=1515	BC033767	Hs.271450	
10459	0.003563	EST(hh87d09.x1 NCI_CGAP_GU1 cDNA clone IMAGE:2969777 3')	AW627547		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10466	0.001878	cDNA, 5' end /clone=IMAGE:4592424 /clone_end=5' /gb=BG400792 /gi=13294240 /ug=Hs.83286 /len=973	BG400792	Hs.83286	NP_714916
10467	4.50E-04	cDNA, 3' end /clone=IMAGE:826617 /clone_end=3' /gb=AA521497 /gi=2262040 /ug=Hs.272095 /len=657	AA521497	Hs.272095	NP_690601
10491	0.017288	UI-H-DH0-aul-j-10-0-UI.s1 NCI_CGAP_DH0 cDNA clone IMAGE:5871081 3', mRNA sequence /clone=IMAGE:5871081 /clone_end=3' /gb=BM994461 /gi=19719362 /ug=Hs.434057 /len=2059	BM994461	Hs.434057	
10496	0.011238	zh69e06.s1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:417346 3', mRNA sequence /clone=IMAGE:417346 /clone_end=3' /gb=W89192 /gi=1404504 /ug=Hs.194238 /len=471	W89192	Hs.194238	
10497	0.005898	UI-H-DF0-bek-n-06-0-UI.s1 NCI_CGAP_DF0 cDNA clone UI-H-DF0 bek-n-06-0-UI 3', mRNA sequence /clone=UI-H-DF0-bek-n-06-0-UI /clone_end=3' /gb=CA426336 /gi=24789062 /ug=Hs.20300 /len=1060	CA426336	Hs.20300	
10504	0.025911	AGENCOURT_8152128 Lupski_dorsal_root_ganglion cDNA clone IMAGE:6184005 5', mRNA sequence /clone=IMAGE:6184005 /clone_end=5' /gb=BU145410 /gi=22658942 /ug=Hs.304440 /len=889	BU145410	Hs.304440	
10506	0.018784	K-EST0187941 L14ChoiCK0 cDNA clone L14ChoiCK0-30-C05 5', mRNA sequence /clone=L14ChoiCK0-30-C05 /clone_end=5' /gb=CB135678 /gi=28102621 /ug=Hs.435110 /len=419	CB135678	Hs.435110	
10509	0.009388	UI-H-DF0-bek-k-02-0-UI.s1 NCI_CGAP_DF0 cDNA clone UI-H-DF0 bek-k-02-0-UI 3', mRNA sequence /clone=UI-H-DF0-bek-k-02-0-UI /clone_end=3' /gb=CA426088 /gi=24788814 /ug=Hs.285174 /len=1052	CA426088	Hs.285174	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10511	0.011238	cDNA FLJ34603 fis, clone KIDNE2013388. /gb=AK091922 /gi=21750400 /ug=Hs.304130 /len=1992	AK091922	Hs.304130	
10512	0.043799	POLY A			
10518	0.015895	UI-H-EI1-ayz-p-10-0-UI.s1 NCI_CGAP_EI1 cDNA clone IMAGE:5845881 3', mRNA sequence /clone=IMAGE:5845881 /clone_end=3' /gb=BQ006715 /gi=19731615 /ug=Hs.29088 /len=1062	BQ006715	Hs.29088	
10520	0.005325	ribosomal protein L35a (RPL35A), mRNA /cds=(74,406) /gb=NM_000996 /gi=16117790 /ug=Hs.288544 /len=511	NM_000996	Hs.288544	NP_000987
10535	0.014599	heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A) (HNRPU), transcript variant 1, mRNA /cds=(218,2692) /gb=NM_031844 /gi=14141162 /ug=Hs.103804 /len=3500	NM_031844	Hs.103804	NP_114032
10536	0.011238	nascent-polypeptide-associated complex alpha polypeptide (NACA), mRNA /cds=(26,673) /gb=NM_005594 /gi=5031930 /ug=Hs.32916 /len=797	NM_005594	Hs.32916	NP_005585
10539	2.32E-04	ribosomal protein, large, P1 (RPLP1), mRNA /cds=(130,474) /gb=NM_001003 /gi=16905511 /ug=Hs.424299 /len=512	NM_001003	Hs.424299	NP_000994
10544	0.003183	hypothetical protein LOC153339 (LOC153339), mRNA /cds=(21,239) /gb=NM_174909 /gi=28372532 /ug=Hs.374538 /len=726	NM_174909	Hs.374538	NP_777569
10547	0.030249	mRNA; cDNA DKFZp564B032 (from clone DKFZp564B032) /gb=AL049975 /gi=4884225 /ug=Hs.274510 /len=1943	AL049975	Hs.274510	
10551	0.007107	EST(cDNA clone IMAGE:814978 3' similar to TR:E91737 E91737 REVERSE TRANSCRIPTASE HOMOLOG {L1 REPETITIVE ELEMENT} ;contains L1.t1 L1 repetitive element ;)	AA465709		
10555	0.015895	clone IMAGE:5001859, mRNA /gb=BC040072 /gi=25303948 /ug=Hs.194051 /len=3016	BC040072	Hs.194051	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10558	0.017288	ESTs, cDNA /clone=IMAGE:1372579 /gb=AA833868 /gi=2908636 /ug=Hs.156300 /len=495	AA833868	Hs.156300	
10568	0.032636	UI-E-EO1-ajd-j-06-0-UI.s1 UI-E-EO1 cDNA clone UI-E-EO1-ajd-j-06-0-UI 3', mRNA sequence /clone=UI-E-EO1-ajd-j-06-0-UI /clone_end=3' /gb=BM683224 /gi=18993120 /ug=Hs.445152 /len=1041	BM683224	Hs.445152	
10574	0.022802	cDNA FLJ38300 fis, clone FCBBF3017288. /gb=AK095619 /gi=21754917 /ug=Hs.34969 /len=3695	AK095619	Hs.34969	
10583	0.02801	AV700930 GKC cDNA clone GKCBRB12 3', mRNA sequence /clone=GKCBRB12 /clone_end=3' /gb=AV700930 /gi=10302901 /ug=Hs.285894 /len=746	AV700930	Hs.285894	
10593	0.002893	twisted gastrulation 1 (Drosophila) (TWSG1), mRNA /cds=(106,777) /gb=NM_020648 /gi=21314788 /ug=Hs.247302 /len=3693	NM_020648	Hs.247302	NP_065699
10594	0.012276	UI-H-EZ1-bbh-j-15-0-UI.s1 NCI_CGAP_Ch2 cDNA clone UI-H-EZ1-bbh-j-15-0-UI 3', mRNA sequence /clone=UI-H-EZ1-bbh-j-15-0-UI /clone_end=3' /gb=BQ575990 /gi=21479307 /ug=Hs.445509 /len=1032	BQ575990	Hs.445509	
10599	0.035177	EST(cDNA clone IMAGE:5402358 5')	BI868276		NP_003109
10600	0.017288	EST(cDNA clone IMAGE:429436 3' similar to contains L1.t1 L1 repetitive element ;)	AA007616		
10603	0.009388	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(63,1451) /gb=NM_001402 /gi=25453469 /ug=Hs.422118 /len=1837	NM_001402	Hs.422118	NP_001393
10610	0.002337	cDNA, 3' end /clone=IMAGE:3476408 /clone_end=3' /gb=BF058813 /gi=10812709 /ug=Hs.319312 /len=382	BF058813	Hs.319312	NP_001454
10612	0.023945	cDNA FLJ39382 fis, clone PERIC2000473. /gb=AK096701 /gi=21756253 /ug=Hs.293799 /len=2425	AK096701	Hs.293799	
10621	0.009388	EST (383946 MAGE resequences MAGL)	AW971857		
10626	0.006463	EST(cDNA clone IMAGE:4775876 5')	BG740183		NP_078806

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10628	0.018784	ESTs, cDNA, 3' end /clone=IMAGE:565677 /clone_end=3' /gb=AI732470 /gi=5053583 /ug=Hs.191157 /len=596	AI732470	Hs.191157	
10633	0.032636	UI-E-CL1-afa-n-02-0-UI.r1 UI-E-CL1 cDNA clone UI-E-CL1-afa-n-02-0-UI 5', mRNA sequence /clone=UI-E-CL1-afa-n-02-0-UI /clone_end=5' /gb=BM696235 /gi=19009493 /ug=Hs.446332 /len=1366	BM696235	Hs.446332	
10634	0.020388	7b59h11.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:3232581 3', mRNA sequence /clone=IMAGE:3232581 /clone_end=3' /gb=BE550855 /gi=9792547 /ug=Hs.282143 /len=537	BE550855	Hs.282143	
10636	0.005325	cDNA FLJ13571 fis, clone PLACE1008405. /gb=AK023633 /gi=10435617 /ug=Hs.116278 /len=2484	AK023633	Hs.116278	
10642	3.47E-04	HSC3IC021 normalized infant brain cDNA cDNA clone c-3ic02	F13068		
10645	0.014599	qp48e07.x1 NCI_CGAP_Co8 cDNA clone IMAGE:1926276 3' similar to gb:X56411_rna1 ALCOHOL DEHYDROGENASE CLASS II PI CHAIN mRNA sequence /clone=IMAGE:1926276 /clone_end=3' /gb=AI346102 /gi=4083308 /ug=Hs.193566 /len=718	AI346102	Hs.193566	
10648	0.002337	EST, cDNA, 3' end /clone=IMAGE:5843665 /clone_end=3' /gb=BQ002644 /gi=19727544 /ug=Hs.364307 /len=762	BQ002644	Hs.364307	
10668	0.022106	UI-H-FH1-bfh-g-05-0-UI.s1 NCI_CGAP_FH1 cDNA clone UI-H-FH1 bfh-g-05-0-UI 3', mRNA sequence /clone=UI-H-FH1-bfh-g-05-0-UI /clone_end=3' /gb=BU618251 /gi=23284466 /ug=Hs.396671 /len=1126	BU618251	Hs.396671	
10679	0.003563	EST(cDNA clone IMAGE:3698005 3')	BF593414		NP_598411
10683	0.018784	EST388886 MAGE resequences, MAGO cDNA, mRNA sequence /gb=AW976777 /gi=8168011 /ug=Hs.223578 /len=519	AW976777	Hs.223578	
10684	0.007807	EST(cDNA clone IMAGE:4090855 3')	BF447403		NP_002806
10710	0.030249	No significant match	SEQ.ID.No.46		
10722	9.43E-04	Novel, ORF-3(250~456),-2(332~499)	SEQ.ID.No.98		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10723	0.002602	No significant match (ORF:+2:332~437[107])	SEQ.ID.No.15		
10729	0.001878	myc-induced nuclear antigen, 53 kDa (MINA53), transcript variant 2, mRNA /cds=(214,1608) /gb=NM_032778 /gi=23346417 /ug=Hs.23294 /len=2221	NM_032778	Hs.23294	NP_116167
10746	0.008566	No significant match (ORF:+3:69~302[234])	SEQ.ID.No.27		
10779	0.018784	EST (ADB cDNA clone ADBAKA02 5')	AV704531		
10787	0.006463	cDNA FLJ37147 fis, clone BRACE2025316, weakly similar to tRNA-splicing endonuclease subunit. /cds=(26,559) /gb=AK094466 /gi=21753534 /ug=Hs.420088 /len=1738	AK094466	Hs.420088	
10797	0.040751	EST (366564 MAGE resequences MAGC)	AW954494		
10798	0.013394	EST (ta16g05.x1 NCI_CGAP_Lym5 IMAGE:2044280 3')	AI471814		
10799	0.012276	cDNA FLJ11934 fis, clone HEMBB1000510. /gb=AK021996 /gi=10433305 /ug=Hs.261699 /len=2599	AK021996	Hs.261699	
10802	0.023945	cDNA FLJ39992 fis, clone STOMA2001025, moderately similar to RNA-binding protein (RBMS3) mRNA. /gb=AK097311 /gi=21757015 /ug=Hs.126083 /len=1490	AK097311	Hs.126083	
10804	0.009388	EST (yr74c11.s1 Soares fetal liver spleen 1NFLS IMAGE:211028 3')	H65780		
10805	0.002893	EST(ak84d11.s1 Barstead spleen HPLRB2 cDNA clone IMAGE:1414581 3' similar to contains MER10.t3 MER10 repetitive element)	AA845289		
10807	0.030249	methyltransferase like 3 (METTL3), mRNA /cds=(87,1829) /gb=NM_019852 /gi=21361826 /ug=Hs.268149 /len=1959	NM_019852	Hs.268149	NP_062826
10810	2.32E-04	EST np88f03.s1 NCI_CGAP_Thy1 cDNA clone IMAGE:1133405	AA632906		
10811	0.010277	EST from clone 208499, full insert /gb=AL355688 /gi=7799136 /ug=Hs.6655 /len=1831	AL355688	Hs.6655	
10815	0.003213	hypothetical protein FLJ13213 (FLJ13213), mRNA /cds=(234,1670) /gb=NM_024755 /gi=13376087 /ug=Hs.331328 /len=2617	NM_024755	Hs.331328	NP_079031

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10816	0.017755	hypothetical protein FLJ10769 (FLJ10769), mRNA /cds=(15,1187) /gb=NM_018210 /gi=8922653 /ug=Hs.8083 /len=2659	NM_018210	Hs.8083	NP_060680
10819	0.002337	EST (integral membrane protein 2A, clone IMAGE:4149910, mRNA)	BC010511		NP_004858
10820	0.00587	hypothetical protein MGC39497 (MGC39497), mRNA /cds=(9,770) /gb=NM_152436 /gi=22748922 /ug=Hs.406728 /len=1745	NM_152436	Hs.406728	NP_689649
10825	0.014599	ribosomal protein L13 (RPL13), transcript variant 2, mRNA /cds=(238,873) /gb=NM_033251 /gi=15431294 /ug=Hs.431392 /len=1296	NM_033251	Hs.431392	NP_150254
10835	0.018784	UI-1-BC1p-ati-g-12-0-UI.s1 NCI_CGAP_PI3 cDNA clone UI-1-BC1p ati-g-12-0-UI 3', mRNA sequence /clone=UI-1-BC1p-ati-g-12-0-UI /clone_end=3' /gb=BQ011970 /gi=19736871 /ug=Hs.28625 /len=1149	BQ011970	Hs.28625	
10836	0.030249	EST (nj28d04.s1 NCI_CGAP_AA1 cDNA clone IMAGE:993799 3')	AA600996		
10837	0.014599	cDNA FLJ10878 fis, clone NT2RP4001893, highly similar to mRNA; cDNA DKFZp564O043. /gb=AK001740 /gi=7023191 /ug=Hs.15144 /len=2599	AK001740	Hs.15144	NP_064715
10839	0.003563	calcium binding protein Cab45 precursor (Cab45), mRNA /cds=(294,1340) /gb=NM_016547 /gi=7706572 /ug=Hs.42806 /len=2092	NM_016547	Hs.42806	NP_057631
10840	0.017288	hypothetical protein FLJ11292 (FLJ11292), mRNA /cds=(151,615) /gb=NM_018382 /gi=8922980 /ug=Hs.272246 /len=1948	NM_018382	Hs.272246	NP_060852
10841	7.41E-04	zinc finger protein 306 (ZNF306), mRNA /cds=(149,1765) /gb=NM_024493 /gi=24308296 /ug=Hs.66774 /len=2242	NM_024493	Hs.66774	NP_077819
10851	0.047031	EST xr58h08.x1 NCI_CGAP_Ov26 cDNA clone IMAGE:2764383 3'	AW303034		
10873	0.002893	601156470F1 NIH_MGC_21 cDNA clone IMAGE:3140104 5', mRNA sequence /clone=IMAGE:3140104 /clone_end=5' /gb=BE279006 /gi=9153993 /ug=Hs.444551 /len=549	BE279006	Hs.444551	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10875	0.047031	cDNA FLJ39179 fis, clone OCBBF2004147. /gb=AK096498 /gi=21756010 /ug=Hs.104935 /len=2760	AK096498	Hs.104935	
10877	0.02801	AGENCOURT_6531719 NIH_MGC_124 cDNA clone IMAGE:5732630 5', mRNA sequence /clone=IMAGE:5732630 /clone_end=5' /gb=BM547886 /gi=18782032 /ug=Hs.355559 /len=1182	BM547886	Hs.355559	
10878	0.010277	mRNA; cDNA DKFZp762N1910 (from clone DKFZp762N1910) /cds=(1,1892) /gb=AL834470 /gi=21740235 /ug=Hs.406377 /len=2617	AL834470	Hs.406377	
10882	0.02801	protein phosphatase 1, regulatory (inhibitor) subunit 3C (PPP1R3C), mRNA /cds=(58,1011) /gb=NM_005398 /gi=21314622 /ug=Hs.303090 /len=2524	NM_005398	Hs.303090	NP_005389
10887	0.018784	EST(CIT-HSP-2366I22.TF CIT-HSP genomic clone 2366I22)	AQ078010		
10889	0.032636	hypothetical protein MGC10854 (MGC10854), mRNA /cds=(135,1631) /gb=NM_032300 /gi=14150055 /ug=Hs.22222 /len=2099	NM_032300	Hs.22222	NP_115676
10891	0.040751	EST(yh69b07.r1 Soares placenta Nb2HP cDNA clone IMAGE:134965 5' similar to contains Alu repetitive element)	R31623		
10900	0.047031	UI-1-BC1p-asx-h-02-0-UI.s1 NCI_CGAP_PI3 cDNA clone UI-1-BC1p asx-h-02-0-UI 3', mRNA sequence /clone=UI-1-BC1p-asx-h-02-0-UI /clone_end=3' /gb=BQ012708 /gi=19737609 /ug=Hs.191900 /len=590	BQ012708	Hs.191900	
10901	0.047031	CCR4-NOT transcription complex, subunit 7 (CNOT7), transcript variant 1, mRNA /cds=(340,1128) /gb=NM_013354 /gi=17978498 /ug=Hs.380963 /len=2653	NM_013354	Hs.380963	NP_473367
10909	3.47E-04	EST (MR1-SN0062-100500-002-g03 SN0062 cDNA)	AW868480		
10916	5.79E-04	EST(UI-HF-BN0-aln-e-12-0-UI.r1 NIH_MGC_50 cDNA clone IMAGE:3080182 5')	AW504804		NP_060179

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10917	0.012276	activated RNA polymerase II transcription cofactor 4 (PC4), mRNA /cds=(57,440) /gb=NM_006713 /gi=19923783 /ug=Hs.349506 /len=1336	NM_006713	Hs.349506	NP_006704
10925	6.56E-04	clone IMAGE:4401491, mRNA /gb=BC015388 /gi=21955390 /ug=Hs.380349 /len=1881	BC015388	Hs.380349	
10935	0.043799	ribosomal protein S20 (RPS20), mRNA /cds=(128,487) /gb=NM_001023 /gi=14591915 /ug=Hs.8102 /len=539	NM_001023	Hs.8102	NP_001014
10943	9.43E-04	mRNA; cDNA DKFZp547K0918 (from clone DKFZp547K0918) /gb=AL832566 /gi=21733141 /ug=Hs.271324 /len=1883	AL832566	Hs.271324	
10949	7.41E-04	yo73e02.s1 Soares breast 3NbHBst cDNA clone IMAGE:183578 3', mRNA sequence /clone=IMAGE:183578 /clone_end=3' /gb=H44042 /gi=920094 /ug=Hs.391565 /len=417	H44042	Hs.391565	
10959	0.035177	7p65g03.x1 NCI_CGAP_Pr28 cDNA clone IMAGE:3650861 3', mRNA sequence /clone=IMAGE:3650861 /clone_end=3' /gb=BF436898 /gi=11449213 /ug=Hs.213352 /len=426	BF436898	Hs.213352	
10976	0.013394	in56e04.x1 HR85 islet cDNA clone IMAGE:6126055 3', mRNA sequence /clone=IMAGE:6126055 /clone_end=3' /gb=BU784825 /gi=23830229 /ug=Hs.442971 /len=548	BU784825	Hs.442971	
10980	0.02801	ESTs, cDNA, 3' end /clone=IMAGE:1404727 /clone_end=3' /gb=AA845360 /gi=2933119 /ug=Hs.42366 /len=566	AA845360	Hs.42366	
10984	0.025911	ESTs, cDNA, 3' end /clone=IMAGE:2385007 /clone_end=3' /gb=AI796655 /gi=5362118 /ug=Hs.132315 /len=516	AI796655	Hs.132315	
10985	0.043799	E1B-55kDa-associated protein 5 (E1B-AP5), transcript variant 1, mRNA /cds=(174,2744) /gb=NM_007040 /gi=21536325 /ug=Hs.155218 /len=3872	NM_007040	Hs.155218	NP_653335

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
10987	0.02801	IMAGE:20075 Soares infant brain 1NIB cDNA clone IMAGE:20075, mRNA sequence /clone=IMAGE:20075 /gb=W18186 /gi=1293860 /ug=Hs.117688 /len=1232	W18186	Hs.117688	
10994	0.010277	clone IMAGE:3888869, mRNA, partial cds /cds=UNKNOWN /gb=BC016839 /gi=16877135 /ug=Hs.182885 /len=1186	BC016839	Hs.182885	NP_004547
11009	0.045661	EST(adult retina cDNA Danio rerio cDNA clone 4201579 3' similar to TR:Q9YH14 Q9YH14 PROGESTERONE RECEPTOR BINDING PROTEIN.)	BI880587		
11019	0.040751	clone 23758 mRNA sequence /gb=AF052140 /gi=3360449 /ug=Hs.141055 /len=1498	AF052140	Hs.141055	
11021	0.013394	FLJ23302 fis, clone HEP11143 /cds=UNKNOWN /gb=AK026955 /gi=10439937 /ug=Hs.287737 /len=2509	AK026955	Hs.367841	NP_115652
11044	0.020388	EST(fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:241467 3')	H90418		
11055	9.43E-04	UI-E-CL1-aez-f-02-0-UI.r1 UI-E-CL1 cDNA clone UI-E-CL1-aez-f-02-0-UI 5', mRNA sequence /clone=UI-E-CL1-aez-f-02-0-UI /clone_end=5' /gb=BM695854 /gi=19009112 /ug=Hs.21509 /len=1260	BM695854	Hs.21509	
11059	0.025911	UI-E-CQ1-aew-e-07-0-UI.s1 UI-E-CQ1 cDNA clone UI-E-CQ1-aew-e-07-0-UI 3', mRNA sequence /clone=UI-E-CQ1-aew-e-07-0-UI /clone_end=3' /gb=BU728934 /gi=23651308 /ug=Hs.436272 /len=1132	BU728934	Hs.436272	
11065	0.014599	clone IMAGE:4043849, mRNA /gb=BC013940 /gi=15530292 /ug=Hs.348325 /len=1355	BC013940	Hs.348325	
11068	0.03788	mRNA; cDNA DKFZp586G1520 (from clone DKFZp586G1520) /gb=AL050148 /gi=4884359 /ug=Hs.31834 /len=3030	AL050148	Hs.31834	
11070	0.040751	cDNA FLJ34585 fis, clone KIDNE2008758. /gb=AK091904 /gi=21750379 /ug=Hs.104627 /len=2438	AK091904	Hs.104627	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
11091	0.02801	BX091936 Soares placenta Nb2HP cDNA clone IMAGp998N02193 ; IMAGE:135745, mRNA sequence /clone=IMAGp998N02193_;_IMAGE:135745 /gb=BX091936 /gi=27822661 /ug=Hs.24598 /len=688	BX091936	Hs.24598	
11092	0.003213	ESTs, cDNA, 5' end /clone=IMAGE:4779957 /clone_end=5' /gb=BG741948 /gi=14052601 /ug=Hs.355530 /len=948	BG741948	Hs.355530	NP_068747
11093	0.003947	UI-E-EJ1-aje-j-02-0-UI.r1 UI-E-EJ1 cDNA clone UI-E-EJ1-aje-j-02-0-UI 5', mRNA sequence /clone=UI-E-EJ1-aje-j-02-0-UI /clone_end=5' /gb=BM929582 /gi=19388755 /ug=Hs.159153 /len=1002	BM929582	Hs.159153	
11094	0.030249	602969052F1 NIH_MGC_12 cDNA clone IMAGE:5108412 5', mRNA sequence /clone=IMAGE:5108412 /clone_end=5' /gb=BI260728 /gi=14819291 /ug=Hs.201769 /len=667	BI260728	Hs.201769	
11098	0.002602	hypothetical protein MGC27466 (MGC27466), mRNA /cds=(125,733) /gb=NM_152373 /gi=22748802 /ug=Hs.145521 /len=1465	NM_152373	Hs.145521	NP_689586
11099	0.013394	UI-H-DT1-avz-g-14-0-UI.s1 NCI_CGAP_DT1 cDNA clone IMAGE:5886373 3', mRNA sequence /clone=IMAGE:5886373 /clone_end=3' /gb=BQ015869 /gi=19751146 /ug=Hs.353471 /len=1192	BQ015869	Hs.353471	
11105	0.03788	hypothetical protein FLJ21839 (FLJ21839), mRNA /cds=(445,2619) /gb=NM_021831 /gi=19923577 /ug=Hs.433334 /len=3252	NM_021831	Hs.433334	NP_068603
11109	0.022106	al60e07.s1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:1461732 3', mRNA sequence /clone=IMAGE:1461732 /clone_end=3' /gb=AA884390 /gi=2993920 /ug=Hs.374217 /len=352	AA884390	Hs.374217	
11125	0.010277	EST(cDNA clone IMAGE:2815110 3')	AW268719		
11131	0.025911	clone IMAGE:4182947, mRNA /gb=BC016962 /gi=16877432 /ug=Hs.16193 /len=1866	BC016962	Hs.16193	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
11136	0.023945	clone IMAGE:3138608, mRNA /cds=UNKNOWN /gb=BC007266 /gi=13938277 /ug=Hs.334566 /len=1635	BC007266	Hs.334566	
11166	5.48E-04	ym53e05.s1 Soares infant brain 1NIB cDNA clone IMAGE:51803 3', mRNA sequence /clone=IMAGE:51803 /clone_end=3' /gb=H24464 /gi=893159 /ug=Hs.417814 /len=487	H24464	Hs.417814	
11178	8.37E-04	No significant match (ORF:none)	SEQ.ID.No.23		
11180	0.013394	Novel, ORF+2(98~316),+3(9~116,201~316)	SEQ.ID.No.55		
11198	7.06E-04	cDNA FLJ23679 fis, clone HEP09084. /gb=AK074259 /gi=18676812 /ug=Hs.351597 /len=2006	AK074259	Hs.351597	
11201	0.017288	clone IMAGE:4798349, mRNA /gb=BC045794 /gi=28277189 /ug=Hs.29464 /len=2717	BC045794	Hs.29464	
11205	0.03788	ESTs, cDNA, 5' end /clone=IMAGE:4593784 /clone_end=5' /gb=BG402127 /gi=13295575 /ug=Hs.347570 /len=863	BG402127	Hs.347570	
11215	0.022106	Novel, ORF+3(39~203)	SEQ.ID.No.53		
11222	0.007806	No significant match, ORF+1(1~294)	SEQ.ID.No.88		
11257	0.009388	mRNA for FLJ00086 protein, partial cds. /cds=(1951,3150) /gb=AK024487 /gi=10440487 /ug=Hs.343828 /len=4456	AK024487	Hs.343828	NP_835461
11258	8.37E-04	ADP-ribosylation factor GTPase activating protein 1 (ARFGAP1), mRNA /cds=(113,1333) /gb=NM_018209 /gi=8922651 /ug=Hs.25584 /len=3248	NM_018209	Hs.25584	NP_783202
11259	3.04E-04	actin binding LIM protein 1 (ABLIM1), transcript variant ABLIM-I, mRNA /cds=(100,2436) /gb=NM_002313 /gi=21284382 /ug=Hs.158203 /len=7581	NM_002313	Hs.158203	NP_006711
11261	0.013394	hypothetical protein MGC14480 (MGC14480), mRNA /cds=(18,209) /gb=NM_144998 /gi=21450710 /ug=Hs.37616 /len=844	NM_144998	Hs.37616	NP_659435
11263	0.004367	KIAA1804 protein, partial cds /cds=UNKNOWN /gb=AB058707 /gi=14017824 /ug=Hs.50883	AB058707	Hs.50883	NP_115811

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
11264	0.008566	Similar to RIKEN cDNA 1810014L12 gene, clone MGC:43599 IMAGE:5269880, mRNA, complete cds /cds=(476,685) /gb=BC045655 /gi=28277116 /ug=Hs.199695 /len=2133	BC045655	Hs.199695	
11266	0.013394	B-cell translocation gene 1, anti-proliferative (BTG1), mRNA /cds=(309,824) /gb=NM_001731 /gi=4502472 /ug=Hs.77054 /len=1783	NM_001731	Hs.77054	NP_001722
11277	0.048465	ligase I, DNA, ATP-dependent (LIG1), mRNA /cds=(121,2880) /gb=NM_000234 /gi=4557718 /ug=Hs.1770 /len=3083	NM_000234	Hs.1770	NP_000225
11287	0.03788	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific) (FUT4), mRNA /cds=(174,1766) /gb=NM_002033 /gi=4503810 /ug=Hs.2173 /len=2861	NM_002033	Hs.2173	NP_002024
11293	0.022106	hypothetical protein (FLJ20485), mRNA /cds=(112,729) /gb=NM_019042 /gi=9506680 /ug=Hs.98806 /len=2021	NM_019042	Hs.98806	NP_061915
11294	0.012276	cDNA FLJ11335 fis, clone PLACE1010630. /gb=AK002197 /gi=7023924 /ug=Hs.284270 /len=1984	AK002197	Hs.284270	
11296	0.035177	mRNA for KIAA0740 protein, partial cds. /cds=(260,2350) /gb=AB018283 /gi=6705974 /ug=Hs.15099 /len=4390	AB018283	Hs.15099	NP_055651
11297	0.00587	farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase) (FDPS), mRNA /cds=(115,1374) /gb=NM_002004 /gi=4503684 /ug=Hs.335918 /len=1430	NM_002004	Hs.335918	NP_001995
11299	0.004367	ATX1 antioxidant protein 1 (yeast) (ATOX1), mRNA /cds=(114,320) /gb=NM_004045 /gi=4757803 /ug=Hs.279910 /len=502	NM_004045	Hs.279910	NP_004036
11303	0.018784	S100 calcium binding protein A1 (S100A1), mRNA /cds=(114,398) /gb=NM_006271 /gi=5454031 /ug=Hs.433503 /len=607	NM_006271	Hs.433503	NP_006262
11304	0.003213	hypothetical gene supported by D17652; X59357; NM_000983 (LOC65281), mRNA	XM_001298		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
11322	0.032636	Hypothetical protein (L1H 3' region) - human (AA=69%)	B34087		
11332	0.001062	polyadenylate binding protein-interacting protein 1 (PAIP1), mRNA /cds=(188,1627) /gb=NM_006451 /gi=17511254 /ug=Hs.109643 /len=2764	NM_006451	Hs.109643	NP_006442
11333	0.004825	hypothetical protein FLJ13615 (FLJ13615), mRNA /cds=(345,2069) /gb=NM_025114 /gi=13376688 /ug=Hs.288715 /len=2719	NM_025114	Hs.288715	NP_079390
11336	0.011238	proteasome (prosome, macropain) inhibitor subunit 1 (PI31) (PSMF1), mRNA /cds=(127,942) /gb=NM_006814 /gi=5803122 /ug=Hs.405813 /len=3188	NM_006814	Hs.405813	NP_848694
11338	0.043799	Similar to SRY-box containing gene 5, clone IMAGE:3919439, mRNA /gb=BC014929 /gi=15928923 /ug=Hs.383009 /len=652	BC014929	Hs.383009	
11342	0.007171	FLJ11416 fis, clone HEMBA1000943 /cds=UNKNOWN /gb=AK021478 /gi=10432671 /ug=Hs.333150 /len=1593	AK021478	Hs.333150	
11343	0.035177	chromosome 1 open reading frame 33 (C1orf33), mRNA /cds=(32,751) /gb=NM_016183 /gi=18490986 /ug=Hs.274201 /len=1185	NM_016183	Hs.274201	NP_057267
11357	0.007107	splicing factor 3a, subunit 1, 120kDa (SF3A1), mRNA /cds=(132,2513) /gb=NM_005877 /gi=20127483 /ug=Hs.406277 /len=2944	NM_005877	Hs.406277	NP_005868
11365	0.007107	Rho-specific guanine-nucleotide exchange factor 164 kDa (P164RHOGEF), mRNA /cds=(16,6207) /gb=NM_014786 /gi=21361457 /ug=Hs.45180 /len=7540	NM_014786	Hs.45180	NP_055601
11368	0.023945	cofactor required for Sp1 transcriptional activation, subunit 6, 77kDa (CRSP6), mRNA /cds=(196,2151) /gb=NM_004268 /gi=10835074 /ug=Hs.22630 /len=2546	NM_004268	Hs.22630	NP_004259

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
11373	0.007807	yl96f11.s1 Soares infant brain 1NIB cDNA clone IMAGE:45943 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:45943 /clone_end=3' /gb=H09059 /gi=873881 /ug=Hs.438854 /len=494	H09059	Hs.438854	
11387	0.040751	df22c07.w1 Morton Fetal Cochlea cDNA clone IMAGE:2484085 3', mRNA sequence /clone=IMAGE:2484085 /clone_end=3' /gb=BI492292 /gi=15331636 /ug=Hs.379172 /len=359	BI492292	Hs.379172	
11401	5.11E-04	hypothetical protein PRO1843 (PRO1843), mRNA /cds=(965,1255) /gb=NM_018507 /gi=8924082 /ug=Hs.283330 /len=1268	NM_018507	Hs.283330	NP_060977
11402	0.040751	cytochrome c, somatic (CYCS), mRNA /cds=(61,378) /gb=NM_018947 /gi=21361707 /ug=Hs.169248 /len=3990	NM_018947	Hs.169248	NP_061820
11404	6.56E-04	hypothetical protein MGC3067 (MGC3067), mRNA /cds=(140,895) /gb=NM_024295 /gi=13236515 /ug=Hs.323114 /len=1203	NM_024295	Hs.323114	NP_077271
11407	3.47E-04	Similar to proline synthetase co-transcribed (bacterial homolog), clone MGC:2667 IMAGE:3546307, mRNA, complete cds /cds=(67,894) /gb=BC012334 /gi=15147390 /ug=Hs.301959 /len=2580	BC012334	Hs.301959	NP_009129
11408	0.002337	hypothetical protein FLJ30525 (FLJ30525), mRNA /cds=(422,1603) /gb=NM_144584 /gi=21389358 /ug=Hs.7962 /len=1867	NM_144584	Hs.7962	NP_653185
11410	0.004367	ring finger protein 38 (RNF38), mRNA /cds=(563,1861) /gb=NM_022781 /gi=21918874 /ug=Hs.77823 /len=4694	NM_022781	Hs.77823	NP_073618
11419	0.030249	syntaxin binding protein 3 (STXBP3), mRNA /cds=(52,1830) /gb=NM_007269 /gi=6005885 /ug=Hs.8813 /len=2508	NM_007269	Hs.8813	NP_009200
11426	0.043799	hypothetical protein BC000282 (LOC89894), mRNA /cds=(657,1394) /gb=NM_138341 /gi=24308397 /ug=Hs.8116 /len=1716	NM_138341	Hs.8116	NP_612350

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
11429	0.02801	cDNA FLJ32781 fis, clone TESTI2002149, highly similar to ZINC FINGER PROTEIN 131. /gb=AK057343 /gi=16553000 /ug=Hs.78743 /len=2401	AK057343	Hs.78743	
11433	0.032636	annexin A7 (ANXA7), transcript variant 2, mRNA /cds=(61,1527) /gb=NM_004034 /gi=4809278 /ug=Hs.386741 /len=2176	NM_004034	Hs.386741	NP_004025
11437	0.004367	chitobiase, di-N-acetyl- (CTBS), mRNA /cds=(1,1158) /gb=NM_004388 /gi=4758091 /ug=Hs.135578 /len=1618	NM_004388	Hs.135578	NP_004379
11443	0.001878	nucleoporin 54kDa (NUP54), mRNA /cds=(129,1652) /gb=NM_017426 /gi=26051236 /ug=Hs.9082 /len=2358	NM_017426	Hs.9082	NP_059122
11444	0.002096	coproporphyrinogen oxidase (coproporphyria, harderoporphyria) (CPO), mRNA /cds=(68,1432) /gb=NM_000097 /gi=20127405 /ug=Hs.89866 /len=2691	NM_000097	Hs.89866	NP_000088
11445	0.002096	hbc647 mRNA sequence. /gb=U68494 /gi=1546096 /ug=Hs.24385 /len=1843	U68494	Hs.24385	
11447	0.040751	hypothetical gene supported by AK000174 (LOC133761), mRNA	XM_072343		
11448	0.043799	zinc finger protein 23 (KOX 16) (ZNF23), mRNA /cds=(815,2746) /gb=NM_145911 /gi=23308736 /ug=Hs.376810 /len=3271	NM_145911	Hs.376810	NP_666016
11453	0.035177	DNA-damage-inducible transcript 3 (DDIT3), mRNA /cds=(191,700) /gb=NM_004083 /gi=21361117 /ug=Hs.400353 /len=965	NM_004083	Hs.400353	NP_004074
11467	0.025911	SMT3 suppressor of mif two 3 1 (yeast) (SMT3H1), mRNA /cds=(95,406) /gb=NM_006936 /gi=5902095 /ug=Hs.85119 /len=1733	NM_006936	Hs.85119	NP_008867
11471	0.011238	prostaglandin E receptor 2 (subtype EP2), 53kDa (PTGER2), mRNA /cds=(157,1233) /gb=NM_000956 /gi=4506254 /ug=Hs.2090 /len=2372	NM_000956	Hs.2090	NP_000947
11473	0.009388	hypothetical protein BC013035 (LOC114926), mRNA /cds=(128,430) /gb=NM_138436 /gi=19923964 /ug=Hs.10018 /len=836	NM_138436	Hs.10018	NP_612445

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
11474	0.017288	solute carrier family 38, member 2 (SLC38A2), mRNA /cds=(352,1872) /gb=NM_018976 /gi=21361601 /ug=Hs.298275 /len=4795	NM_018976	Hs.298275	NP_061849
11477	0.032636	mRNA for KIAA0626 protein, complete cds /cds=(178,1407) /gb=AB014526 /gi=3327065 /ug=Hs.178121 /len=6184	AB014526	Hs.178121	NP_067679
11479	0.007807	B lymphocyte activation-related protein BC-2048	AAL26788		
11480	7.41E-04	hypothetical protein FLJ23751 (FLJ23751), mRNA /cds=(121,1563) /gb=NM_152282 /gi=22748648 /ug=Hs.37443 /len=2994	NM_152282	Hs.37443	NP_689495
11481	0.030249	eps8 binding protein e3B1 mRNA, complete cds	AF006516		NP_005461
11496	0.017288	leucyl-tRNA synthetase (LARS), mRNA /cds=(73,3603) /gb=NM_020117 /gi=24496788 /ug=Hs.6762 /len=4248	NM_020117	Hs.6762	NP_064502
11497	0.002893	FK506 binding protein 14, 22 kDa (FKBP14), mRNA /cds=(146,781) /gb=NM_017946 /gi=8923658 /ug=Hs.264636 /len=2248	NM_017946	Hs.264636	NP_060416
11502	0.003563	mRNA for KIAA1229 protein, partial cds /cds=UNKNOWN /gb=AB033055 /gi=6330699 /ug=Hs.71109/len=5654	AB033055	Hs.71109	
11503	0.008566	hypothetical protein DKFZp564K0822 (DKFZP564K0822), mRNA /cds=(10,528) /gb=NM_030796 /gi=13540577 /ug=Hs.4750 /len=2789	NM_030796	Hs.4750	NP_110423
11509	0.013394	coagulation factor VIII, procoagulant component (hemophilia A) (F8), transcript variant 1, mRNA /cds=(172,7227) /gb=NM_000132 /gi=10518504 /ug=Hs.79345 /len=9030	NM_000132	Hs.79345	NP_063916
11514	0.011238	chromosome 21 open reading frame 33 (C21orf33), mRNA /cds=(85,891) /gb=NM_004649 /gi=5031690 /ug=Hs.182423 /len=1652	NM_004649	Hs.182423	NP_004640
11516	2.03E-04	602943821F1 NIH_MGC_19 cDNA clone IMAGE:5091917 5', mRNA sequence /clone=IMAGE:5091917 /clone_end=5' /gb=BI194863 /gi=14649883 /ug=Hs.444288 /len=863	BI194863	Hs.444288	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
11520	0.043799	MYLE protein (MYLE), mRNA /cds=(12,299) /gb=NM_014015 /gi=13384596 /ug=Hs.11902 /len=1120	NM_014015	Hs.11902	NP_054734
11536	5.11E-04	EST(yh89e10.r1 cDNA clone 136938 5') 8e-06 match	R38461		NP_001002
11539	0.047031	mRNA for KIAA1327 protein, partial cds. /cds=(1,5417) /gb=AB037748 /gi=20521883 /ug=Hs.106204 /len=6687	AB037748	Hs.106204	
11570	0.007807	clone IMAGE:5295896, mRNA /gb=BC043240 /gi=27695834 /ug=Hs.104413 /len=2136	BC043240	Hs.104413	
11588	0.03788	EST(oz13e06.x1 Soares_fetal_liver_spleen_1NFLS_S1 clone IMAGE:1675234 3')	AI078464		
11603	0.032636	EST(NIB208 Normalized infant brain, Bento Soares cDNA 3'end similar to hexokinase I (MK-16)) (low match:nt 2e-10)	T16965		NP_277035
11608	0.001339	EST(MR0-HT0407-140300-013-h01 HT0407)	BE159552		NP_003751
11612	0.022106	Tho2 mRNA, complete cds /cds=(1,4437) /gb=AF441770 /gi=20799317 /ug=Hs.16411 /len=4452	AF441770	Hs.16411	
11613	0.035177	cell division cycle associated 1 (CDCA1), transcript variant 1, mRNA /cds=(299,1693) /gb=NM_145697 /gi=22027506 /ug=Hs.234545 /len=2003	NM_145697	Hs.234545	NP_663735
11618	0.023945	EST ox12c12.x1 Soares_fetal_liver_spleen_1NFLS_S1 IMAGE:1656118 3'	AI034084		
11632	0.026797	EST(DKFZp564B1278_r1 564 (synonym:hfbr2) cDNA clone DKFZp564B1278 5')	AL110316		NP_001779
11633	0.014599	EST hg75g08.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2951486 3'	AW614117		
11652	0.003947	EST(nf43h10.s1 NCI_CGAP_Pr2 cDNA clone IMAGE:916579 similar to contains element MER22 repetitive element)	AA573636		
11680	0.02801	EST ys96h09.r1 Soares retina N2b5HR cDNA clone IMAGE:222689 5'	H84275		
11683	0.024732	EST (clone IMAGE:1218466 3' similar to contains	AA662478		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11685	0.023945	EST (QV4-NN0039-040500-196-e07 NN0039	AW895898		
11690	0.020388	unnamed protein product	BAB14576		
11691	0.023945	cDNA sequence cDNA sequence DKFZp434D0935 (from clone cDNA sequence DKFZp434D0935)	AL117502		NP_149107
11693	0.008566	cell adhesion molecule-related/down-regulated by oncogenes (CDON), mRNA /cds=(1,3723) /gb=NM_016952 /gi=8393083 /ug=Hs.159565 /len=3986	NM_016952	Hs.159565	NP_058648
11698	0.017288	EST379919 MAGE resequences, MAGJ cDNA, mRNA sequence /gb=AW967844 /gi=8157683 /ug=Hs.190465 /len=581	AW967844	Hs.190465	
11699	0.03788	hypothetical protein MGC5306 (MGC5306), mRNA /cds=(207,1043) /gb=NM_024116 /gi=13129135 /ug=Hs.301732 /len=2336	NM_024116	Hs.301732	NP_077021
11703	0.004367	hypothetical protein MGC3295 (MGC3295), mRNA /cds=(510,1748) /gb=NM_025246 /gi=13376859 /ug=Hs.101257 /len=1958	NM_025246	Hs.101257	NP_079522
11705	0.017288	of yeast MAF1 (MAF1), mRNA /cds=(393,1163) /gb=NM_032272 /gi=14150012 /ug=Hs.19673 /len=1674	NM_032272	Hs.19673	NP_115648
11710	0.009388	translocase of outer mitochondrial membrane 20 (yeast) (KIAA0016), mRNA /cds=(102,539) /gb=NM_014765 /gi=7657256 /ug=Hs.75187 /len=3259	NM_014765	Hs.75187	NP_055580
11725	8.37E-04	hypothetical protein FLJ13657 (FLJ13657), mRNA /cds=(88,1173) /gb=NM_024828 /gi=13376229 /ug=Hs.178357 /len=2252	NM_024828	Hs.178357	NP_079104
11732	0.032636	hypothetical protein FLJ20699 (FLJ20699), mRNA /cds=(33,1043) /gb=NM_017931 /gi=8923627 /ug=Hs.15125 /len=2594	NM_017931	Hs.15125	NP_060401
11745	0.043799	FLJ23172 fis, clone LNG10005 /cds=UNKNOWN /gb=AK026825 /gi=10439771 /ug=Hs.306885 /len=1882	AK026825	Hs.306885	
11747	0.005325	lysyl oxidase-like 1 (LOXL1), mRNA /cds=(306,2030) /gb=NM_005576 /gi=5031882 /ug=Hs.65436 /len=2328	NM_005576	Hs.65436	NP_005567

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
11765	4.50E-04	ribosomal protein L12 (RPL12), mRNA /cds=(89,586) /gb=NM_000976 /gi=15431291 /ug=Hs.405042 /len=632	NM_000976	Hs.405042	NP_000967
11777	0.009388	basic transcription factor 3 (BTF3), mRNA /cds=(240,728) /gb=NM_001207 /gi=20070129 /ug=Hs.101025 /len=952	NM_001207	Hs.101025	NP_001198
11788	0.025911	Bardet-Biedl syndrome 2 (BBS2), mRNA /cds=(422,2587) /gb=NM_031885 /gi=22208996 /ug=Hs.332633 /len=2978	NM_031885	Hs.332633	NP_114091
11789	0.022106	high mobility group nucleosomal binding domain 4 (HMGN4), mRNA /cds=(239,511) /gb=NM_006353 /gi=23238232 /ug=Hs.236774 /len=1980	NM_006353	Hs.236774	NP_006344
11796	0.047031	mannose-6-phosphate receptor (cation dependent) (M6PR), mRNA /cds=(171,1004) /gb=NM_002355 /gi=10947032 /ug=Hs.134084 /len=2454	NM_002355	Hs.134084	NP_002346
11805	0.020388	tryptophanyl-tRNA synthetase (WARS), mRNA /cds=(188,1603) /gb=NM_004184 /gi=7710155 /ug=Hs.82030 /len=2693	NM_004184	Hs.82030	NP_004175
11818	0.012276	clone 23698 mRNA sequence /gb=AF052094 /gi=3360400 /ug=Hs.8136 /len=1264	AF052094	Hs.8136	
11825	0.002602	insulin-like growth factor binding protein 1 (IGFBP1), mRNA /cds=(166,945) /gb=NM_000596 /gi=4504614 /ug=Hs.102122 /len=1514	NM_000596	Hs.102122	NP_000587
11839	0.043799	proteasome (prosome, macropain) 26S subunit, ATPase, 2 (PSMC2), mRNA /cds=(71,1372) /gb=NM_002803 /gi=24430152 /ug=Hs.61153 /len=1545	NM_002803	Hs.61153	NP_002794
11866	0.025911	PC4 and SFRS1 interacting protein 1 (PSIP1), mRNA /cds=(78,1079) /gb=NM_021144 /gi=16945969 /ug=Hs.351305 /len=1677	NM_021144	Hs.351305	NP_066967
11898	0.012526	intersectin 2 (ITSN2), transcript variant 1, mRNA /cds=(242,5332) /gb=NM_006277 /gi=22325384 /ug=Hs.166184 /len=6092	NM_006277	Hs.166184	NP_671494

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11912	0.018784	hypothetical protein MGC40157 (MGC40157), mRNA /cds=(106,498) /gb=NM_152350 /gi=22748758 /ug=Hs.295362 /len=1250	NM_152350	Hs.295362	NP_689563
11929	0.007807	zv64c04.s1 Soares_total_fetus_Nb2HF8_9w cDNA clone IMAGE:758406 3', mRNA sequence /clone=IMAGE:758406 /clone_end=3' /gb=AA393802 /gi=2046769 /ug=Hs.443312 /len=421	AA393802	Hs.443312	
11930	8.37E-04	hypothetical protein FLJ30574 (FLJ30574), mRNA /cds=(403,1908) /gb=NM_144629 /gi=21389456 /ug=Hs.350388 /len=3113	NM_144629	Hs.350388	NP_653230
11932	0.043799	LIN-7 protein 3, cDNA: FLJ21887 fis, clone HEP03135, highly similar to AF090900 Homo sapiens clone HQ0189 PRO0189 mRNA /cds=UNKNOWN /gb=AK025540 /gi=10438087 /ug=Hs.91393 /len=2440	AK025540	Hs.91393	NP_060832
11939	0.047031	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide (YWHAG), mRNA /cds=(192,935) /gb=NM_012479 /gi=21464100 /ug=Hs.25001 /len=3747	NM_012479	Hs.25001	NP_036611
11940	0.017288	sorting nexin 14 (SNX14), transcript variant 1, mRNA /cds=(182,3022) /gb=NM_153816 /gi=24797144 /ug=Hs.375181 /len=3490	NM_153816	Hs.375181	NP_722523
11946	0.031362	hypothetical protein FLJ20432 (FLJ20432), mRNA /cds=(603,1361) /gb=NM_017819 /gi=8923404 /ug=Hs.57898 /len=1654	NM_017819	Hs.57898	NP_060289
11954	0.014599	traube (Trb), mRNA	NM_019816		NP_062790
11956	0.035177	cDNA FLJ11439 fis, clone HEMBA1001299. /gb=AK021501 /gi=10432697 /ug=Hs.287416 /len=1500	AK021501	Hs.287416	
11957	0.003539	DKFZp564I112 (from clone DKFZp564I112) mRNA; cDNA /cds=UNKNOWN /gb=AL110136 /gi=5817031 /ug=Hs.47679 /len=1885	AL110136	Hs.47679	
11959	0.012276	similar to cortistatin (H. sapiens) (LOC126684), mRNA	XM_010524		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
11967	5.11E-04	TNF receptor-associated factor 5 (TRAF5), transcript variant 1, mRNA /cds=(194,1867) /gb=NM_004619 /gi=22027625 /ug=Hs.29736 /len=4132	NM_004619	Hs.29736	NP_665702
11968	0.005325	likely ortholog of mouse Mak3p (S. cerevisiae) (MAK3P), mRNA /cds=(301,810) /gb=NM_025146 /gi=13376734 /ug=Hs.288932 /len=3576	NM_025146	Hs.288932	NP_079422
11978	0.032636	mitochondrial ribosomal protein L27 (MRPL27), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA /cds=(32,316) /gb=NM_148571 /gi=22547130 /ug=Hs.7736 /len=2472	NM_148571	Hs.7736	NP_683412
12002	0.040751	601820680F1 NIH_MGC_58 cDNA clone IMAGE:4052611 5', mRNA sequence /clone=IMAGE:4052611 /clone_end=5' /gb=BF131709 /gi=10970749 /ug=Hs.145741 /len=538	BF131709	Hs.145741	
12003	0.005325	EST(zi39c11.s1 Soares fetal liver spleen 1NFLS S1 cDNA clone 433172 3')	AA680133		NP_660208
12022	0.005339	kinesin family protein 3B (KIF3B)	NM_004798		NP_004789
12037	0.002337	EST(EST58819 Infant brain 3' contains Alu repeat)	AA351153		
12039	0.03788	EST(zw86f08.r1 Soares total fetus Nb2HF8 9w cDNA clone 783879 5') 41/43bp match	AA447168		NP_115787
12052	0.009388	helicase-like protein (KIAA2023), mRNA /cds=(399,5378) /gb=NM_173082 /gi=27436872 /ug=Hs.231907 /len=7011	NM_173082	Hs.231907	NP_775105
12055	0.01932	mRNA for KIAA1694 protein, partial cds. /cds=(1,2275) /gb=AB051481 /gi=12697932 /ug=Hs.19597 /len=4235	AB051481	Hs.19597	NP_085132
12056	0.025911	EST(ak48e09.s1 Soares testis NHT clone IMAGE:1409224 3')	AA860225		
12066	0.025911	chromosome 1 open reading frame 19 (C1orf19), mRNA /cds=(51,566) /gb=NM_052965 /gi=24308389 /ug=Hs.32058 /len=1943	NM_052965	Hs.32058	NP_443197

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
12074	0.03788	EST(as88c04.x1 Barstead colon HPLRB7 clone IMAGE:2335782 3' TR:Q13538 Q13538 ORF2: FUNCTION UNKNOWN; contains Alu repeat)	AI735066		
12076	0.015895	small nuclear ribonucleoprotein D2 polypeptide 16.5kDa (SNRPD2), mRNA /cds=(31,387) /gb=NM_004597 /gi=7242206 /ug=Hs.424327 /len=479	NM_004597	Hs.424327	NP_808210
12078	0.02801	acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase) (ACAA2), nuclear gene encoding mitochondrial protein, mRNA /cds=(49,1242) /gb=NM_006111 /gi=5174428 /ug=Hs.356176 /len=1584	NM_006111	Hs.356176	NP_006102
12081	0.040751	hypothetical protein FLJ13855 (FLJ13855), mRNA /cds=(328,1068) /gb=NM_023079 /gi=20149671 /ug=Hs.168232 /len=3053	NM_023079	Hs.168232	NP_075567
12099	6.56E-04	nuclear cap binding protein subunit 2, 20kDa (NCBP2), mRNA /cds=(27,497) /gb=NM_007362 /gi=19923386 /ug=Hs.240770 /len=2120	NM_007362	Hs.240770	NP_031388
12108	0.004825	ij34a12.y1 Melton Normalized Islet 4 N4 HIS 1 cDNA clone IMAGE:6136606 5', mRNA sequence /clone=IMAGE:6136606 /clone_end=5' /gb=BQ129288 /gi=20203199 /ug=Hs.254789 /len=485	BQ129288	Hs.254789	
12110	0.023945	EST(qx95c04.x1 NCI_CGAP_GC6 cDNA clone IMAGE:2010246 3')	AI365336		
12112	0.013394	EST(xu58f03.x1 NCI_CGAP_Ut1 clone IMAGE:2805917 3' TR:O35371 O35371 PERIPHERIAL BENZODIAZEPINE RECEPTOR ASSOCIATED PROTEIN)	AW511419		NP_073572
12140	0.001878	EST nk17g03.s1 NCI_CGAP_Co11 cDNA clone IMAGE:1013812 3'	AA582722		
12155	0.017288	EST AV734861 cdA H.sapiens cDNA clone cdAAPC07 5'	AV734861		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
12182	0.017288	Williams-Beuren Syndrome critical region protein 20 copy B (WBSCR20B), mRNA /cds=(984,1448) /gb=NM_145645 /gi=21717802 /ug=Hs.406306 /len=1634	NM_145645	Hs.406306	NP_663620
12184	0.015895	cDNA FLJ11086 fis, clone PLACE1005266. /gb=AK001948 /gi=7023529 /ug=Hs.272240 /len=1899	AK001948	Hs.272240	
12189	0.003947	EST AV750486 NPC H.sapiens cDNA clone NPCDCF06 5'	AV750486		
12195	0.013394	EST (as58h11.x1 Barstead colon HPLRB7 cDNA clone IMAGE:2332965 3' similar to contains Alu repetitive element)	AI718786		
12197	0.03788	DKFZp586E2017_r1 586 (synonym: hute1) cDNA clone DKFZp586E2017 5', mRNA sequence /clone=DKFZp586E2017 /clone_end=5' /gb=AL046885 /gi=5936275 /ug=Hs.413463 /len=640	AL046885	Hs.413463	
12198	0.002337	clone IMAGE:4606942, mRNA, partial cds /cds=(1,188) /gb=BC022881 /gi=18605588 /ug=Hs.369550 /len=1749	BC022881	Hs.369550	
12201	0.001062	EST (Soares placenta Nb2HP IMAGE:143740 3')	R76686		
12202	0.030249	F-box and leucine-rich repeat protein 3A (FBXL3A), mRNA /cds=(298,1584) /gb=NM_012158 /gi=16306583 /ug=Hs.7540 /len=3489	NM_012158	Hs.7540	NP_036290
12209	0.001062	EST(zf69b06.r1 Soares_pineal_gland_N3HPG H.sapiens cDNA clone IMAGE:382163 5')	AA063201		
12210	0.02801	cDNA FLJ38039 fis, clone CTONG2013934. /gb=AK095358 /gi=21754600 /ug=Hs.46506 /len=2956	AK095358	Hs.46506	
12213	0.047031	repetitive sequence (ALU SUBFAMILY J)	P39188		
12217	0.03788	chromosome 1 open reading frame 22 (C1orf22), mRNA /cds=(54,2723) /gb=NM_025191 /gi=19923618 /ug=Hs.279951 /len=6298	NM_025191	Hs.279951	NP_079467

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
12220	0.00168	wb40b11.x1 NCI_CGAP_GC6 cDNA clone IMAGE:2308125 3', mRNA sequence /clone=IMAGE:2308125 /clone_end=3' /gb=AI652865 /gi=4736844 /ug=Hs.374238 /len=598	AI652865	Hs.374238	
12221	0.00587	hAWMS1 mRNA, complete cds. /cds=(232,444) /gb=AB052759 /gi=27529922 /ug=Hs.445652 /len=1470	AB052759	Hs.445652	
12224	9.95E-05	gp25L2 protein (HSGP25L2G), mRNA /cds=(76,720) /gb=NM_017510 /gi=24475637 /ug=Hs.279929 /len=1420	NM_017510	Hs.279929	NP_059980
12226	0.003213	EST (xb68c06.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2581450 3')	AW087708		NP_002962
12227	0.032636	cDNA, 3' end /clone=IMAGE:3038322 /clone_end=3' /gb=BE042649 /gi=8359628 /ug=Hs.275673 /len=435	BE042649	Hs.275673	
12228	0.002337	TSLC1-like 2 (TSLL2), mRNA /cds=(50,1216) /gb=NM_145296 /gi=21686976 /ug=Hs.164773 /len=2176	NM_145296	Hs.164773	NP_660339
12231	0.001193	EST (UI-H-BI3-akf-b-05-0-UI.s1 NCI_CGAP_Sub5 clone IMAGE:2734017 3')	AW449060		NP_061174
12237	0.006463	EST (602496405F1 NIH_MGC_75 clone IMAGE:4610376 5')	BG433151		
12238	0.020388	hypothetical protein LOC115286 (LOC115286), mRNA /cds=(189,740) /gb=NM_173471 /gi=27735034 /ug=Hs.379386 /len=1873	NM_173471	Hs.379386	NP_775742
12240	0.035177	xq09e02.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2750138 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:2750138 /clone_end=3' /gb=AW517395 /gi=7155477 /ug=Hs.445194 /len=519	AW517395	Hs.445194	
12243	0.032636	mRNA; cDNA DKFZp313P0434 (from clone DKFZp313P0434) /gb=AL832702 /gi=21733281 /ug=Hs.125019 /len=2995	AL832702	Hs.125019	
12248	0.049079	EST(yd28g06.r1 Soares fetal liver spleen 1NFLS IMAGE:109594 5')	T82238		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12250	0.049079	spastic paraplegia 3A (autosomal dominant) (SPG3A), mRNA /cds=(173,1849) /gb=NM_015915 /gi=19923444 /ug=Hs.241503 /len=2573	NM_015915	Hs.241503	NP_056999
12255	0.001339	solute carrier family 38, member 2 (SLC38A2), mRNA /cds=(352,1872) /gb=NM_018976 /gi=21361601 /ug=Hs.298275 /len=4795	NM_018976	Hs.298275	NP_061849
12257	0.007807	EST390958 MAGE resequences, MAGP cDNA, mRNA sequence /gb=AW978849 /gi=8170126 /ug=Hs.124977 /len=678	AW978849	Hs.124977	
12262	7.41E-04	EST (IL3-ET0114-281000-318-C11 ET0114)	BF870398		NP_037364
12264	0.03788	clone IMAGE:3909104, mRNA /gb=BC015719 /gi=16041698 /ug=Hs.8852 /len=3169	BC015719	Hs.8852	
12267	0.002337	EST (op46b10.s1 Soares_NFL_T_GBC_S1 IMAGE:1579867 3')	AA978266		
12274	0.04407	AV719140 GLC cDNA clone GLCDHA04 5', mRNA sequence /clone=GLCDHA04 /clone_end=5' /gb=AV719140 /gi=10816292 /ug=Hs.444680 /len=454	AV719140	Hs.444680	
12276	0.009388	UI-1-BC1p-ald-f-02-0-UI.s1 NCI_CGAP_PI3 cDNA clone UI-1-BC1p ald-f-02-0-UI 3', mRNA sequence /clone=UI-1-BC1p-ald-f-02-0-UI /clone_end=3' /gb=BQ013925 /gi=19738826 /ug=Hs.312222 /len=1296	BQ013925	Hs.312222	
12277	0.023945	EST (cn13c11.y1 Normal Human Trabecular Bone Cells clone NHTBC_cn13c11 random)	AI752038		NP_003893
12281	0.009388	EST(EST381388 MAGE resequences, MAGK)	AW969311		NP_116277
12292	0.023945	EST(FB3F2 Fetal brain, Stratagene cDNA clone FB3F2 3'end)	T03208		
12294	0.023945	EST(7e58a12.x1 Soares_NSF_F8_9W_OT_PA_P_S1 cDNA clone IMAGE:3286654 3')	BE644843		NP_006845
12300	0.023945	hypothetical protein MGC32104 (MGC32104), mRNA /cds=(101,1651) /gb=NM_144684 /gi=21389584 /ug=Hs.147025 /len=4732	NM_144684	Hs.147025	NP_653285

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
12301	0.003947	UI-H-EZ1-bbc-h-11-0-UI.s1 NCI_CGAP_Ch2 cDNA clone UI-H-EZ1-bbc-h-11-0-UI 3', mRNA sequence /clone=UI-H-EZ1-bbc-h-11-0-UI /clone_end=3' /gb=BQ574842 /gi=21478159 /ug=Hs.235026 /len=1065	BQ574842	Hs.235026	
12302	0.025911	EST(zh85g03.s1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:428116 3'	AA002088		NP_002773
12303	0.003947	imageqc_1_2001/smg463bdff41.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:4571343 3', mRNA sequence /clone=IMAGE:4571343 /clone_end=3' /gb=BI850999 /gi=16004486 /ug=Hs.348651 /len=632	BI850999	Hs.348651	
12306	0.022106	EST(cDNA clone IMAGE:667817 5')	AA258698		
12311	7.41E-04	DKFZP566I1024 protein (DKFZP566I1024), mRNA /cds=(48,953) /gb=NM_015411 /gi=24308052 /ug=Hs.279696 /len=2005	NM_015411	Hs.279696	NP_056226
12333	0.00587	EST (HS_5378_B2_A05_T7A RPCI-11 Human Male BAC Library genomic clone Plate=954 Col=10 Row=B)	AQ683118		
12344	0.003213	EST(cDNA clone IMAGE:5303467 5')	BI597128		
12355	0.043799	cDNA FLJ36238 fis, clone THYMU2001422. /gb=AK093557 /gi=21752458 /ug=Hs.345588 /len=2269	AK093557	Hs.345588	
12369	0.017288	QV3-BN0047-150400-152-h07 BN0047 cDNA, mRNA sequence /gb=AW997115 /gi=8257349 /ug=Hs.274352 /len=686	AW997115	Hs.274352	
12370	0.001878	mRNA; cDNA DKFZp586N2424 (from clone DKFZp586N2424) /gb=AL157503 /gi=7018553 /ug=Hs.27552 /len=2220	AL157503	Hs.27552	
12376	0.001637	ESTs, cDNA, 5' end /clone=IMAGE:3859365 /clone_end=5' /gb=BF032850 /gi=10740562 /ug=Hs.5367 (=ESTs, Weakly similar to T02670 probable thromboxane A2 receptor isoform beta)	BF032850	Hs.5367	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
12377	0.003213	ts88e10.x1 NCI_CGAP_GC6 cDNA clone IMAGE:2238378 3' similar to contains L1.t3 L1 repetitive element ;, mRNA sequence /clone=IMAGE:2238378 /clone_end=3' /gb=AI918786 /gi=5638641 /ug=Hs.212310 /len=459	AI918786	Hs.212310	
12383	0.017288	Saccharomyces cerevisiae chromosome XII, complete chromosome sequence	NC_001144		
12384	0.040751	FLJ31039 fis, clone HSYRA2000221 /cds=UNKNOWN /gb=AK055601 /gi=16550371 /ug=Hs.311977 /len=2770	AK055601	Hs.311977	
12399	0.025911	UI-E-CK1-afh-b-14-0-UI.r1 UI-E-CK1 cDNA clone UI-E-CK1-afh-b-14-0-UI 5', mRNA sequence /clone=UI-E-CK1-afh-b-14-0-UI /clone_end=5' /gb=BM702699 /gi=19015957 /ug=Hs.446508 /len=1088	BM702699	Hs.446508	
12412	2.32E-04	cDNA / IL3-NT0294-060401-533-D04 NT0294	BI041924		
12413	0.015895	cDNA FLJ14244 fis, clone OVARC1000802. /gb=AK024306 /gi=10436654 /ug=Hs.397378 /len=1889	AK024306	Hs.397378	
12424	0.009388	mRNA; cDNA DKFZp564B076 (from clone DKFZp564B076) /gb=AL049313 /gi=4500086 /ug=Hs.21103 /len=2208	AL049313	Hs.21103	
12426	0.014599	602590145F1 NIH_MGC_76 cDNA clone IMAGE:4724074 5', mRNA sequence /clone=IMAGE:4724074 /clone_end=5' /gb=BG564169 /gi=13571821 /ug=Hs.444093 /len=792	BG564169	Hs.444093	
12431	0.02801	ESTs, cDNA /gb=AW993259 /gi=8253410 /ug=Hs.113105 /len=678	AW993259	Hs.113105	
12433	0.047031	cDNA FLJ14388 fis, clone HEMBA1002716. /gb=AK027294 /gi=14041878 /ug=Hs.9812 /len=1673	AK027294	Hs.9812	
12436	0.047031	UI-H-BW0-ajn-d-08-0-UI.s1 NCI_CGAP_Sub6 cDNA clone IMAGE:2732223 3', mRNA sequence /clone=IMAGE:2732223 /clone_end=3' /gb=AW297946 /gi=6704582 /ug=Hs.444392 /len=807	AW297946	Hs.444392	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12438	0.033876	AV686223 GKC cDNA clone GKCGXH11 5', mRNA sequence /clone=GKCGXH11 /clone_end=5' /gb=AV686223 /gi=10288086 /ug=Hs.221642 /len=916	AV686223	Hs.221642	
12474	0.024732	clone RP11-350H1 from 7p14-15, complete sequence	AC006195		
12488	0.022106	ESTs, cDNA, 3' end /clone=IMAGE:2028021 /clone_end=3' /gb=AI356348 /gi=4107969 /ug=Hs.369317 /len=512	AI356348	Hs.369317	
12492	0.035213	ESTs, cDNA, 3' end /clone=IMAGE:2213516 /clone_end=3' /gb=AI582192 /gi=4568089 /ug=Hs.356049 /len=566	AI582192	Hs.356049	NP_660327
12502	0.016299	QV0-HT0398-210100-096-c03 HT0398 cDNA, mRNA sequence /gb=AW606588 /gi=7311329 /ug=Hs.430335 /len=621	AW606588	Hs.430335	
12507	0.001501	UI-E-CQ1-acq-b-08-0-UI.r1 UI-E-CQ1 cDNA clone UI-E-CQ1-acq-b-08-0-UI 5', mRNA sequence /clone=UI-E-CQ1-acq-b-08-0-UI /clone_end=5' /gb=BM688644 /gi=19001902 /ug=Hs.253634 /len=1017	BM688644	Hs.253634	
12511	1.53E-04	clone IMAGE:5215233, mRNA /gb=BC041467 /gi=27371097 /ug=Hs.151570 /len=2043	BC041467	Hs.151570	
12513	0.020388	AGENCOURT_8841454 Lupski_sciatic_nerve cDNA clone IMAGE:6199422 5', mRNA sequence /clone=IMAGE:6199422 /clone_end=5' /gb=BQ924341 /gi=22339372 /ug=Hs.442591 /len=930	BQ924341	Hs.442591	
12514	0.020388	DCBCQH10 DCB cDNA, mRNA sequence /gb=BU198777 /gi=22717083 /ug=Hs.50273 /len=867	BU198777	Hs.50273	
12515	0.015895	stress 70 protein chaperone, microsome-associated, 60kDa (STCH), mRNA /cds=(37,1452) /gb=NM_006948 /gi=24431965 /ug=Hs.352341 /len=3998	NM_006948	Hs.352341	NP_008879
12520	0.002893	EST(Embryonic Heart cDNA Library Danio rerio cDNA 5')	AI617050		
12521	0.00168	EST(Stratagene colon (#937204) Homo sapiens cDNA clone IMAGE:511532 3')	AA115711		NP_002731

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
12528	0.029005	full length insert cDNA clone ZD75H11	AF086402		NP_055518
12539	0.017288	UI-E-CK1-afh-a-18-0-UI.r1 UI-E-CK1 cDNA clone UI-E-CK1-afh-a-18-0-UI 5', mRNA sequence /clone=UI-E-CK1-afh-a-18-0-UI /clone_end=5' /gb=BM702618 /gi=19015876 /ug=Hs.103381 /len=1069	BM702618	Hs.103381	
12549	0.01932	cDNA FLJ11335 fis, clone PLACE1010630. /gb=AK002197 /gi=7023924 /ug=Hs.284270 /len=1984	AK002197	Hs.284270	
12560	0.022106	cDNA FLJ12136 fis, clone MAMMA1000312. /gb=AK022198 /gi=10433542 /ug=Hs.168830 /len=1905	AK022198	Hs.168830	
12572	0.022106	EST, clone IMAGE:4151959, mRNA /cds=UNKNOWN /gb=BC011194 /gi=15277441 /ug=Hs.367863 /len=1842	BC011194	Hs.367863	
12573	0.006463	EST(cDNA clone IMAGE:3125123 3')	BE047402		NP_002700
12582	0.00168	No significant match	SEQ.ID.No.47		
12594	0.025911	No significant match, ORF-1(3~499),-2(2~499)	SEQ.ID.No.99		
12644	0.003563	EST (RC0-HT0297-301099-011-a06 HT0297)	BE151529		
12647	0.030249	EST(tm39b03.x1 NCI_CGAP_Kid11 clone IMAGE:2160461 3' contains L1.b3 L1 repeat)	AI478484		
12669	0.003947	hypothetical protein FLJ31438 (FLJ31438), mRNA /cds=(347,2107) /gb=NM_152385 /gi=22748824 /ug=Hs.24423 /len=2266	NM_152385	Hs.24423	NP_689598
12677	0.007171	hypothetical protein MGC12981 (MGC12981), mRNA /cds=(225,767) /gb=NM_032357 /gi=21362049 /ug=Hs.104203 /len=1644	NM_032357	Hs.104203	NP_115733
12679	0.008566	BX092629 Soares fetal liver spleen 1NFLS cDNA clone IMAGp998P06398 ; IMAGE:205685, mRNA sequence /clone=IMAGp998P06398_;_IMAGE:205685 /gb=BX092629 /gi=27822922 /ug=Hs.303022 /len=735	BX092629	Hs.303022	
12680	0.02801	EST (CM3-HT0528-010200-086-f04 HT0528)	BE169870		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
12681	0.013394	chromosome 1 open reading frame 9 (C1orf9), mRNA /cds=(125,4342) /gb=NM_016227 /gi=7705321 /ug=Hs.108636 /len=5919	NM_016227	Hs.108636	NP_057311
12688	0.033876	myxoid liposarcoma associated protein 4 (MLAT4), mRNA /cds=(199,2325) /gb=NM_018192 /gi=27764881 /ug=Hs.42824 /len=3396	NM_018192	Hs.42824	NP_060662
12689	0.012276	hypothetical protein MGC3077 (MGC3077), mRNA /cds=(137,703) /gb=NM_024051 /gi=13129017 /ug=Hs.433404 /len=1195	NM_024051	Hs.433404	NP_076956
12701	0.021	EST UI-H-BI2-ahq-e-01-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2727648 3'	AW293540		NP_006816
12711	0.003563	EST(ne80b06.s1 NCI_CGAP_Ew1 cDNA clone IMAGE:910547)	AA491607		
12712	0.011238	EST(xg51d02.x1 NCI_CGAP_Ut4 cDNA clone IMAGE:2631843 3' similar to contains Alu repetitive element)	AW150422		
12713	0.023945	EST (QV1-CT0364-120200-065-e11 CT0364 cDNA)	AW862302		
12716	0.007807	EST (601506025F1 NIH_MGC_71 IMAGE:3907495 5')	BE884080		NP_005117
12717	0.011238	EST(xx99e02.x1 NCI_CGAP_Lym12 cDNA clone IMAGE:2851802 3' similar to contains Alu repetitive element)	AW515834		NP_387449
12720	0.032636	mRNA; cDNA DKFZp667O1616 (from clone DKFZp667O1616) /gb=AL713722 /gi=19584452 /ug=Hs.365655 /len=1773	AL713722	Hs.365655	
12722	0.007107	hypothetical protein from EUROIMAGE 1977056 (LOC56965), mRNA /cds=(609,1358) /gb=NM_020213 /gi=9910373 /ug=Hs.8694 /len=2359	NM_020213	Hs.8694	NP_064599
12723	0.00587	qw21c02.x1 NCI_CGAP_Ut4 cDNA clone IMAGE:1991714 3' similar to contains Alu repetitive element;contains element L1 repetitive element ;, mRNA sequence /clone=IMAGE:1991714 /clone_end=3' /gb=AI290157 /gi=3931823 /ug=Hs.387096 /len=571	AI290157	Hs.387096	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12724	0.03788	chromatin accessibility complex 1 (CHRAC1), mRNA /cds=(196,591) /gb=NM_017444 /gi=24432041 /ug=Hs.279704 /len=2496	NM_017444	Hs.279704	NP_059140
12725	0.014599	EST(CM3-BN0151-130400-146-f01_1 BN0151)	BE008220		
12732	0.032636	mitochondrion, complete genome	NC_001807		
12753	0.00587	EST(ty50b10.x1 NCI_CGAP_Ut2 cDNA clone IMAGE:2282491 3')	AI619566		
12754	0.007107	ribosomal protein S24 (RPS24), transcript variant 1, mRNA /cds=(38,430) /gb=NM_033022 /gi=14916500 /ug=Hs.180450 /len=537	NM_033022	Hs.180450	NP_148982
12763	0.013394	UI-H-FG0-bct-g-21-0-UI.s1 NCI_CGAP_EN1_2 cDNA clone UI-H-FG0-bct-g-21-0-UI 3', mRNA sequence /clone=UI-H-FG0-bct-g-21-0-UI /clone_end=3' /gb=BU627064 /gi=23293278 /ug=Hs.85999 /len=1075	BU627064	Hs.85999	
12767	0.030249	EST (602326911F1 NIH_MGC_91 IMAGE:4428291 5')	BG036175		
12786	0.014599	hr74d11.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:3134229 3' similar to contains Alu repetitive element;contains element MER15 repetitive element ;, mRNA sequence /clone=IMAGE:3134229 /clone_end=3' /gb=BF115106 /gi=10984582 /ug=Hs.318114 /len=462	BF115106	Hs.318114	
12789	0.012276	EST(UI-H-BI3-alt-d-10-0-UI.s1 NCI_CGAP_Sub5 cDNA clone IMAGE:3068587 3')	AW451910		NP_640339
12791	0.03788	EST(qh31d07.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:1846285 3')	AI239446		
12802	0.032636	UI-H-FH1-bfu-h-22-0-UI.s1 NCI_CGAP_FH1 cDNA clone UI-H-FH1 bfu-h-22-0-UI 3', mRNA sequence /clone=UI-H-FH1-bfu-h-22-0-UI /clone_end=3' /gb=BU622323 /gi=23288538 /ug=Hs.406049 /len=1156	BU622323	Hs.406049	
12805	0.002526	clone IMAGE:3633225, mRNA /gb=BC012758 /gi=15706478 /ug=Hs.356377 /len=1914	BC012758	Hs.356377	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
12808	0.020388	AU159529 THYRO1 cDNA clone THYRO1001913 3', mRNA sequence /clone=THYRO1001913 /clone_end=3' /gb=AU159529 /gi=11021050 /ug=Hs.331418 /len=582	AU159529	Hs.331418	
12817	0.020388	cDNA FLJ39478 fis, clone PROST2013605. /gb=AK096797 /gi=21756367 /ug=Hs.372680 /len=2507	AK096797	Hs.372680	
12821	0.007807	BX118777 Soares fetal liver spleen 1NFLS cDNA clone IMAGp998I20122, mRNA sequence /clone=IMAGp998I20122_;_IMAGE:124891 /gb=BX118777 /gi=27841377 /ug=Hs.13911 /len=857	BX118777	Hs.13911	
12824	0.002602	ubiquitin-conjugating enzyme E2G 1 (UBC7 C. elegans) (UBE2G1), mRNA /cds=(167,679) /gb=NM_003342 /gi=21314607 /ug=Hs.78563 /len=2430	NM_003342	Hs.78563	NP_003333
12833	0.013394	cDNA FLJ30547 fis, clone BRAWH2001439. /gb=AK055109 /gi=16549767 /ug=Hs.351021 /len=1830	AK055109	Hs.351021	
12835	0.032636	AGENCOURT_8856629 Lupski_sciatic_nerve cDNA clone IMAGE:6200636 5', mRNA sequence /clone=IMAGE:6200636 /clone_end=5' /gb=BQ947179 /gi=22362657 /ug=Hs.356605 /len=1277	BQ947179	Hs.356605	
12854	0.043799	EST(cDNA clone IMAGE:2281749 3' similar to contains L1.b1 L1 repetitive element)	AI862212		
12855	0.017288	UI-E-EJ0-aik-i-20-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-aik-i-20-0-UI 5', mRNA sequence /clone=UI-E-EJ0-aik-i-20-0-UI /clone_end=5' /gb=BM727413 /gi=19048746 /ug=Hs.112619 /len=1667	BM727413	Hs.112619	
12857	1.53E-04	EST(cDNA clone IMAGE:4413411 5')	BG034856		
12892	0.013394	ESTs, cDNA, 5' end /clone=IMAGE:1554245 /clone_end=5' /gb=AI792925 /gi=5340641 /ug=Hs.137097 /len=585	AI792925	Hs.137097	
12894	0.003213	cDNA FLJ38536 fis, clone HCHON2001200. /gb=AK095855 /gi=21755199 /ug=Hs.30089 /len=2950	AK095855	Hs.30089	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
12902	0.011238	ESTs, FLJ25251 fis, clone STM03603 /cds=UNKNOWN /gb=AK057980 /gi=16553972 /ug=Hs.256801 /len=1727	AK057980	Hs.256801	
12926	0.023945	clone IMAGE:4391558, mRNA /gb=BC017743 /gi=17389405 /ug=Hs.41407 /len=2299	BC017743	Hs.41407	
12936	0.035177	clone IMAGE:5263531, mRNA /gb=BC037740 /gi=22902216 /ug=Hs.18016 /len=5036	BC037740	Hs.18016	
12937	0.012276	hypothetical protein MGC45586 (MGC45586), mRNA /cds=(214,2055) /gb=NM_152603 /gi=22749238 /ug=Hs.145473 /len=2724	NM_152603	Hs.145473	NP_689816
12940	0.023945	cDNA FLJ31626 fis, clone NT2RI2003317. /gb=AK056188 /gi=16551523 /ug=Hs.375198 /len=2041	AK056188	Hs.375198	
12965	0.032636	UI-H-ED1-axy-n-13-0-UI.s1 NCI_CGAP_ED1 cDNA clone IMAGE:5835468 3', mRNA sequence /clone=IMAGE:5835468 /clone_end=3' /gb=BQ009853 /gi=19734754 /ug=Hs.438790 /len=1069	BQ009853	Hs.438790	
12973	0.023945	ESTs, cDNA, 3' end /clone=IMAGE:2504343 /clone_end=3' /gb=AW009340 /gi=5858118 /ug=Hs.372482 /len=490	AW009340	Hs.372482	
12975	0.023945	cDNA FLJ38271 fis, clone FCBBF3002782, moderately similar to Leptin receptor. /gb=AK095590 /gi=21754877 /ug=Hs.231895 /len=2435	AK095590	Hs.231895	
12978	0.020388	mRNA; cDNA DKFZp667G172 (from clone DKFZp667G172) /gb=AL832859 /gi=21733443 /ug=Hs.71969 /len=3463	AL832859	Hs.71969	
12987	0.026797	AGENCOURT_6653891 NIH_MGC_116 cDNA clone IMAGE:5761337 5', mRNA sequence /clone=IMAGE:5761337 /clone_end=5' /gb=BM924870 /gi=19375249 /ug=Hs.94881 /len=1142	BM924870	Hs.94881	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
12997	0.040751	UI-H-BI2-ahp-c-07-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2727541 3', mRNA sequence /clone=IMAGE:2727541 /clone_end=3' /gb=AW293767 /gi=6700403 /ug=Hs.437871 /len=660	AW293767	Hs.437871	
12998	0.002337	UI-H-EU0-azv-i-13-0-UI.s1 NCI_CGAP_Car1 cDNA clone IMAGE: 5854164 3', mRNA sequence /clone=IMAGE:_5854164 /clone_end=3' /gb=BQ181732 /gi=20357224 /ug=Hs.442187 /len=1042	BQ181732	Hs.442187	
12999	0.036556	hypothetical protein FLJ32440 (FLJ32440), mRNA /cds=(228,971) /gb=NM_173685 /gi=27734760 /ug=Hs.344478 /len=1258	NM_173685	Hs.344478	NP_775956
13004	0.002096	ESTs, cDNA, 5' end /clone=IMAGE:5555887 /clone_end=5' /gb=BM806490 /gi=19123313 /ug=Hs.124839 /len=1087	BM806490	Hs.124839	NP_647603
13005	0.012276	zx55g04.r1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:446454 5', mRNA sequence /clone=IMAGE:446454 /clone_end=5' /gb=AA203502 /gi=1799213 /ug=Hs.192991 /len=952	AA203502	Hs.192991	
13008	0.007107	wc41h02.x1 NCI_CGAP_Pr28 cDNA clone IMAGE:2321235 3', mRNA sequence /clone=IMAGE:2321235 /clone_end=3' /gb=AI800041 /gi=5365513 /ug=Hs.369733 /len=504	AI800041	Hs.369733	
13013	0.030249	EST(cDNA clone IMAGE:2542504 3' similar to contains Alu repetitive element;)	AW057714		
13017	0.007807	BX116697 NCI_CGAP_Co3 cDNA clone IMAGp998C232238, mRNA sequence /clone=IMAGp998C232238_;_IMAGE:901582 /gb=BX116697 /gi=27840179 /ug=Hs.433643 /len=682	BX116697	Hs.433643	
13035	0.049079	clone MGC:16614 IMAGE:4111344, mRNA, complete cds /cds=(258,998) /gb=BC009313 /gi=14424569 /ug=Hs.373515 /len=2052	BC009313	Hs.398884	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13036	0.013394	UI-H-FG1-bgh-l-12-0-UI.s1 NCI_CGAP_FG1 cDNA clone UI-H-FG1-bgh-l-12-0-UI 3', mRNA sequence /clone=UI-H-FG1-bgh-l-12-0-UI /clone_end=3' /gb=BU624037 /gi=23290252 /ug=Hs.416904 /len=1160	BU624037	Hs.416904	
13040	0.010277	UI-E-EJ1-aji-d-10-0-UI.s1 UI-E-EJ1 cDNA clone UI-E-EJ1-aji-d-10-0-UI 3', mRNA sequence /clone=UI-E-EJ1-aji-d-10-0-UI /clone_end=3' /gb=BM684333 /gi=18994229 /ug=Hs.17910 /len=1036	BM684333	Hs.17910	
13046	0.017288	Novel	SEQ.ID.No.12		
13048	0.020388	no significant match	SEQ.ID.No.37		
13049	0.00587	No significant match	SEQ.ID.No.42		
13069	0.032636	EST(PM1-HT0422-160300-009-a12 HT0422 Homo sapiens cDNA, MRNA sequence)	BE160886		
13070	0.012276	mRNA from chromosome 5q31-33 region /gb=AF010236 /gi=2707623 /ug=Hs.10323 /len=1379	AF010236	Hs.10323	
13071	0.018784	cDNA FLJ31079 fis, clone HSYRA2001595. /gb=AK055641 /gi=16550421 /ug=Hs.350401 /len=2188	AK055641	Hs.350401	
13076	0.035177	UI-H-BI1-abw-h-07-0-UI.s1 NCI_CGAP_Sub3 cDNA clone IMAGE:2713572 3', mRNA sequence /clone=IMAGE:2713572 /clone_end=3' /gb=AW138111 /gi=6142429 /ug=Hs.436560 /len=800	AW138111	Hs.436560	
13083	6.56E-04	No significant match	SEQ.ID.No.31		
13085	1.15E-04	No significant match	SEQ.ID.No.44		
13092	0.02801	No significant match, ORF-1(155~328)	SEQ.ID.No.81		
13133	0.004367	FLJ33100 fis, clone TRACH2000873 /cds=UNKNOWN /gb=AK057662 /gi=16553426 /ug=Hs.346406 /len=2308	AK057662	Hs.181785	
13134	6.56E-04	sine oculis homeobox 2 (Drosophila) (SIX2), mRNA /cds=(283,1158) /gb=NM_016932 /gi=21314676 /ug=Hs.101937 /len=2141	NM_016932	Hs.101937	NP_058628
13162	0.012276	opioid growth factor receptor (OGFR), mRNA /cds=(206,2062) /gb=NM_007346 /gi=6671492 /ug=Hs.67896 /len=2423	NM_007346	Hs.67896	NP_031372

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13165	0.007171	lymphoid enhancer-binding factor 1 (LEF1), mRNA /cds=(655,1854) /gb=NM_016269 /gi=19923451 /ug=Hs.44865 /len=3084	NM_016269	Hs.44865	NP_057353
13167	0.030249	mannose phosphate isomerase (MPI), mRNA /cds=(6,1277) /gb=NM_002435 /gi=4505234 /ug=Hs.75694 /len=1771	NM_002435	Hs.75694	NP_002426
13168	0.004367	clone IMAGE:4177569, mRNA /gb=BC016402 /gi=19116212 /ug=Hs.46736 /len=2243	BC016402	Hs.46736	
13169	0.040751	ATPase, Ca transporting, plasma membrane 1 (ATP2B1), mRNA /cds=(182,3844) /gb=NM_001682 /gi=4502286 /ug=Hs.78546 /len=4398	NM_001682	Hs.78546	NP_001673
13170	0.002893	nucleolar protein family 6 (RNA-associated) (NOL6), transcript variant alpha, mRNA /cds=(61,3501) /gb=NM_022917 /gi=22212928 /ug=Hs.183253 /len=4854	NM_022917	Hs.183253	NP_631981
13173	0.040751	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kDa) (DDX5), mRNA /cds=(171,2015) /gb=NM_004396 /gi=13514826 /ug=Hs.76053 /len=2325	NM_004396	Hs.76053	NP_004387
13180	0.032636	F-box only protein 7 (FBXO7), mRNA /cds=(281,1849) /gb=NM_012179 /gi=15812192 /ug=Hs.5912 /len=2165	NM_012179	Hs.5912	NP_036311
13185	0.020388	mRNA; cDNA DKFZp667H216 (from clone DKFZp667H216) /gb=AL833204 /gi=21733834 /ug=Hs.356145 /len=3782	AL833204	Hs.356145	
13186	0.002096	hypothetical protein DC42 (DC42), mRNA /cds=(463,771) /gb=NM_030921 /gi=24475707 /ug=Hs.72805 /len=1632	NM_030921	Hs.72805	NP_112183
13193	0.005339	protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform (PPP2CA), mRNA /cds=(210,1139) /gb=NM_002715 /gi=4506016 /ug=Hs.91773 /len=2181	NM_002715	Hs.91773	NP_002706
13197	2.45E-04	similar to rat nuclear ubiquitous casein kinase 2 (NUCKS), mRNA /cds=(67,558) /gb=NM_022731 /gi=12232386 /ug=Hs.118064 /len=1811	NM_022731	Hs.118064	NP_073568
13199	0.014599	HSKM-B protein (HSKM-B), mRNA /cds=(23,1324) /gb=NM_020197 /gi=9910273 /ug=Hs.66170 /len=1694	NM_020197	Hs.66170	NP_064582

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13201	0.043799	chromosome 21 open reading frame 7 (C21orf7), mRNA /cds=(130,858) /gb=NM_020152 /gi=9910145 /ug=Hs.41267 /len=1853	NM_020152	Hs.41267	NP_064537
13203	0.040751	BCL2/adenovirus E1B 19kDa interacting protein 3-like (BNIP3L), mRNA /cds=(83,742) /gb=NM_004331 /gi=4757859 /ug=Hs.132955 /len=1337	NM_004331	Hs.132955	NP_004322
13209	0.01932	zd62d11.s1 Soares_fetal_heart_NbHH19W cDNA clone IMAGE:345237 3', mRNA sequence /clone=IMAGE:345237 /clone_end=3' /gb=W72877 /gi=1383090 /ug=Hs.380971 /len=588	W72877	Hs.380971	
13212	0.012526	hypothetical protein FLJ20060 (FLJ20060), mRNA /cds=(72,2078) /gb=NM_017645 /gi=24431978 /ug=Hs.54617 /len=2884	NM_017645	Hs.54617	NP_060115
13230	0.040751	ATP-binding cassette, sub-family E (OABP), member 1 (ABCE1), mRNA /cds=(118,1917) /gb=NM_002940 /gi=4506558 /ug=Hs.12013 /len=3568	NM_002940	Hs.12013	NP_002931
13231	0.047031	hypothetical protein PRO2369 (PRO2369), mRNA	NM_018525		
13236	0.005325	glutamate receptor, metabotropic 6 (GRM6), mRNA /cds=(179,2812) /gb=NM_000843 /gi=6006006/ug=Hs.248131 /len=6122	NM_000843	Hs.248131	NP_000834
13237	0.040751	KIAA0635 gene product (KIAA0635), mRNA /cds=(833,3373) /gb=NM_014645 /gi=7662215 /ug=Hs.185091 /len=5138	NM_014645	Hs.185091	NP_055460
13245	0.029995	hypothetical protein FLJ20618 (FLJ20618), mRNA /cds=(319,726) /gb=NM_017903 /gi=8923570 /ug=Hs.52184 /len=2213	NM_017903	Hs.52184	NP_060373
13247	5.79E-04	phosphoserine phosphatase (PSPH), mRNA /cds=(20,697) /gb=NM_004577 /gi=21614545 /ug=Hs.56407 /len=1432	NM_004577	Hs.56407	NP_004568
13278	0.007107	601660815R1 NIH_MGC_72 cDNA clone IMAGE:3915843 3', mRNA sequence /clone=IMAGE:3915843 /clone_end=3' /gb=BE966810 /gi=11772610 /ug=Hs.336116 /len=730	BE966810	Hs.336116	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13279	0.015895	UI-E-EJ0-ahr-e-11-0-UI.s1 UI-E-EJ0 cDNA clone UI-E-EJ0-ahr-e-11-0-UI 3', mRNA sequence /clone=UI-E-EJ0-ahr-e-11-0-UI /clone_end=3' /gb=BU739063 /gi=23676884 /ug=Hs.58668 /len=1345	BU739063	Hs.58668	
13281	0.030249	cDNA FLJ11379 fis, clone HEMBA1000469. /gb=AK021441 /gi=10432627 /ug=Hs.200113 /len=1672	AK021441	Hs.200113	
13282	0.024732	LIS1-interacting protein NUDEL; endooligopeptidase A (NUDEL), mRNA /cds=(134,1171) /gb=NM_030808 /gi=13540599 /ug=Hs.3850 /len=2329	NM_030808	Hs.3850	NP_110435
13284	7.63E-04	FLJ21548 fis, clone COL06252 /cds=UNKNOWN /gb=AK025201 /gi=10437665 /ug=Hs.348999 /len=2019	AK025201	Hs.348999	NP_068351
13290	0.03788	cold shock domain protein A (CSDA), mRNA /cds=(195,1313) /gb=NM_003651 /gi=21359983 /ug=Hs.198726 /len=1931	NM_003651	Hs.198726	NP_003642
13301	0.003947	far upstream element (FUSE) binding protein 1 (FUBP1), mRNA /cds=(27,1961) /gb=NM_003902 /gi=17402899 /ug=Hs.118962 /len=2325	NM_003902	Hs.118962	NP_003893
13307	0.033876	FAD104 (FAD104), mRNA /cds=(58,3672) /gb=NM_022763 /gi=27477058 /ug=Hs.299883 /len=6894	NM_022763	Hs.299883	NP_073600
13315	0.002096	partial RANBP7 gene for RanBP7/importin7 and partial ZNF143 gene	AJ295844		
13316	0.005325	ring finger protein 19 (RNF19), mRNA /cds=(318,2834) /gb=NM_015435 /gi=19923421 /ug=Hs.48320 /len=4357	NM_015435	Hs.48320	NP_056250
13319	0.023945	cDNA FLJ33540 fis, clone BRAMY2007613. /gb=AK090859 /gi=21749098 /ug=Hs.21213 /len=2030	AK090859	Hs.21213	
13327	0.02801	transcriptional regulator interacting with the PHS-bromodomain 2 (TRIP-Br2), mRNA /cds=(298,1242) /gb=NM_014755 /gi=7661925 /ug=Hs.77293 /len=5544	NM_014755	Hs.77293	NP_055570

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13328	0.006463	E1A binding protein p400, mRNA for KIAA1818 protein, partial cds (AB058721.1)	AB058721	Hs.306094	NP_056224
13337	0.018784	similar to putative (H.sapiens) (LOC122704), mRNA (=AL135998.6)	XM_058647		
13343	0.025911	hypothetical protein MGC26914 (MGC26914), mRNA /cds=(148,1809) /gb=NM_144976./gi=21699059 /ug=Hs.202974 /len=2900	NM_144976	Hs.202974	NP_659413
13349	0.022106	capillary morphogenesis protein 1 (CMG1), mRNA /cds=(620,1927) /gb=NM_025103 /gi=13376668 /ug=Hs.288617 /len=1995	NM_025103	Hs.288617	NP_079379
13354	9.43E-04	catenin, beta like 1 (CTNNBL1), mRNA /cds=(95,1786) /gb=NM_030877 /gi=18644733 /ug=Hs.178576 /len=1900	NM_030877	Hs.178576	NP_110517
13355	0.013394	mRNA; cDNA DKFZp313E1815 (from clone DKFZp313E1815) /gb=AL833098 /gi=21733689 /ug=Hs.125031 /len=1937	AL833098	Hs.125031	
13358	0.002337	hypothetical protein MGC17943 (MGC17943), mRNA /cds=(214,564) /gb=NM_152261 /gi=22748614 /ug=Hs.106390 /len=3167	NM_152261	Hs.106390	NP_689474
13360	0.043799	cDNA FLJ12000 fis, clone HEMBB1001531. /gb=AK022062 /gi=10433382 /ug=Hs.287474 /len=2675	AK022062	Hs.287474	
13380	0.00587	similar to HYPOTHETICAL 34.0 KDA PROTEIN ZK795.3 IN CHROMOSOME IV (MGC19606), mRNA /cds=(18,893) /gb=NM_033416 /gi=15529981 /ug=Hs.91579 /len=1074	NM_033416	Hs.91579	NP_219484
13382	0.017288	Similar to zinc finger protein 135 (clone pHZ-17), clone IMAGE:5271431, mRNA /gb=BC040486 /gi=26996848 /ug=Hs.5621 /len=4671	BC040486	Hs.5621	
13388	0.023945	fos-related antigen DNA, exon 4	X98050		
13389	0.012276	brain protein 44-like (BRP44L), mRNA /cds=(123,452) /gb=NM_016098 /gi=7706368 /ug=Hs.108725 /len=988	NM_016098	Hs.108725	NP_057182
13392	0.00393	hypothetical protein FLJ30162 (FLJ30162), mRNA /cds=(272,841) /gb=NM_152731 /gi=22749448 /ug=Hs.311163 /len=2278	NM_152731	Hs.311163	NP_689944

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13409	0.02801	EST(tc76d07.x1 Soares_NhHMPu_S1 clone IMAGE:2070541 3')	AI383220		NP_006363
13421	0.043799	EST(zo63g01.s1 Stratagene panCReas (#937208) clone IMAGE:591600 3' contains Alu repeat)	AA158759		
13426	0.006463	pleckstrin domain containing, family A (phosphoinositide binding specific) member 1 (PLEKHA1), mRNA /cds=(67,1281) /gb=NM_021622 /gi=11055985 /ug=Hs.287830 /len=1410	NM_021622	Hs.287830	NP_067635
13427	0.040751	EST(zi22h02.s1 Soares fetal liver spleen 1NFLS S1 clone 431571 3')	AA676353		NP_060719
13441	0.040751	hypothetical protein FLJ10769 (FLJ10769), mRNA /cds=(15,1187) /gb=NM_018210 /gi=8922653 /ug=Hs.8083 /len=2659	NM_018210	Hs.8083	NP_060680
13453	0.023945	mesoderm induction early response 1 (MI-ER1), mRNA /cds=(234,1844) /gb=NM_020948 /gi=24308260 /ug=Hs.222746 /len=4972	NM_020948	Hs.222746	NP_065999
13458	0.035177	EST RC3-HT0470-070100-011-g03_2 HT0470 cDNA	AW580534		
13468	0.001878	EST qb30c09.x1 Soares_pregnant_uterus_NbHPU cDNA clone IMAGE:1697776 3'	AI095772		
13476	0.035177	EST(yw27g01.r1 clone 253488 5')	H89172		
13478	0.002893	EST(xd92a04.x1 Soares_NFL_T_GBC_S1 clone IMAGE:2605038 3')	AW117454		NP_073592
13484	0.017288	hypothetical protein FLJ10956 (FLJ10956), mRNA /cds=(181,675) /gb=NM_018283 /gi=8922791 /ug=Hs.144407 /len=2022	NM_018283	Hs.144407	NP_060753
13510	0.004827	uncharacterized hematopoietic stem/progenitor cells protein MDS031 (MDS031), mRNA /cds=(35,532) /gb=NM_018466 /gi=20070304 /ug=Hs.110853 /len=1358	NM_018466	Hs.110853	NP_060936
13513	0.002337	EST(PM3-SN0020-270300-001-h08 SN0020)	AW865025		NP_115668
13519	0.047031	EST(zr70e01.r1 Soares_NhHMPu_S1 cDNA clone IMAGE:668760 5')	AA235432		
13520	0.003213	EST(tz32c11.x1 NCI_CGAP_Ut2 clone IMAGE:2290292 3')	AI631079		NP_079436

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13521	0.030249	RAP2A, member of RAS oncogene family (RAP2A), mRNA /cds=(18,569) /gb=NM_021033 /gi=25188202 /ug=Hs.301746 /len=2943	NM_021033	Hs.301746	NP_066361
13530	9.43E-04	synaptic nuclei expressed gene 1 (SYNE-1), transcript variant beta, mRNA /cds=(121,10086) /gb=NM_015293 /gi=19526752 /ug=Hs.192102 /len=10742	NM_015293	Hs.192102	NP_598411
13548	0.020388	EST84415 Colon adenocarcinoma IV	AA372489		
13553	0.004367	EST(zw71a05.r1 Soares_testis_NHT cDNA clone IMAGE:781616 5' similar to contains Alu repetitive element)	AA432328		
13554	0.001459	cyclin M3 (CNNM3), mRNA /cds=(99,1247) /gb=NM_017623 /gi=20127562 /ug=Hs.44095 /len=2234	NM_017623	Hs.44095	NP_060093
13555	0.009388	hypothetical protein FLJ10700 (FLJ10700), mRNA /cds=(184,1872) /gb=NM_018182 /gi=8922595 /ug=Hs.295909 /len=3434	NM_018182	Hs.295909	NP_060652
13561	0.015895	EST (yr44h03.s1 Soares fetal liver spleen 1NFLS IMAGE:208181)	H62537		
13568	0.035177	clone HQ0477 PRO0477p (LOC51204), mRNA /cds=(201,1094) /gb=NM_016360 /gi=27545314 /ug=Hs.174134 /len=1491	NM_016360	Hs.174134	NP_057444
13569	0.011238	EST (tu41c10.x1 NCI_CGAP_Pr28 cDNA clone IMAGE:2253618 3' similar to contains Alu repetitive element;)	AI686385		
13570	0.012276	601445486F1 NIH_MGC_65 cDNA clone IMAGE:3849740 5', mRNA sequence /clone=IMAGE:3849740 /clone_end=5' /gb=BE868854 /gi=10317630 /ug=Hs.314370 /len=754	BE868854	Hs.314370	
13582	0.002893	mRNA; cDNA DKFZp586M1819 (from clone DKFZp586M1819) /cds=(1,795) /gb=AL834255 /gi=21739805 /ug=Hs.355753 /len=1723	AL834255	Hs.355753	NP_848934
13592	0.008566	hypothetical gene supported by XM_074528 (LOC123829), mRNA	XM_074528		
13599	0.007107	mRNA; cDNA DKFZp313E1012 (from clone DKFZp313E1012) /gb=AL832661 /gi=21733237 /ug=Hs.94694 /len=3233	AL832661	Hs.94694	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13600	0.006463	Cdc42 guanine nucleotide exchange factor (GEF) 9 (ARHGEF9), mRNA /cds=(802,2352) /gb=NM_015185 /gi=7662107 /ug=Hs.54697 /len=5413	NM_015185	Hs.54697	NP_056000
13602	0.025911	UI-1-BC1p-asi-a-02-0-UI.s1 NCI_CGAP_PI3 cDNA clone UI-1-BC1p asi-a-02-0-UI 3', mRNA sequence /clone=UI-1-BC1p-asi-a-02-0-UI /clone_end=3' /gb=BQ011545 /gi=19736446 /ug=Hs.361171 /len=1143	BQ011545	Hs.361171	
13608	0.043799	inositol polyphosphate-1-phosphatase (INPP1), mRNA /cds=(304,1503) /gb=NM_002194 /gi=4755138 /ug=Hs.32309 /len=1682	NM_002194	Hs.32309	NP_002185
13612	0.03788	poly(rC) binding protein 2 (PCBP2), transcript variant 1, mRNA /cds=(89,1189) /gb=NM_005016 /gi=14141167 /ug=Hs.63525 /len=1362	NM_005016	Hs.63525	NP_114366
13628	0.043799	hypothetical protein FLJ22378 (FLJ22378), mRNA /cds=(52,564) /gb=NM_025078 /gi=13376629 /ug=Hs.288284 /len=2143	NM_025078	Hs.288284	NP_079354
13634	0.002337	non-SMC (structural maintenance of chromosomes) element 1 protein (NSE1), mRNA /cds=(24,794) /gb=NM_145080 /gi=21489972 /ug=Hs.284295 /len=992	NM_145080	Hs.284295	NP_659547
13647	0.008677	signal transducer and activator of transcription 3 (acute-phase response factor) (STAT3), transcript variant 1, mRNA /cds=(241,2553) /gb=NM_139276 /gi=21618339 /ug=Hs.321677 /len=3455	NM_139276	Hs.321677	NP_644805
13654	4.50E-04	hypothetical protein LOC92597 (LOC92597), mRNA /cds=(151,801) /gb=NM_173468 /gi=27735028 /ug=Hs.31422 /len=6956	NM_173468	Hs.31422	NP_775739
13659	0.035177	hypothetical protein (HSPC016), mRNA /cds=(39,233) /gb=NM_015933 /gi=7705430 /ug=Hs.397853 /len=384	NM_015933	Hs.397853	NP_057017
13661	0.001878	KIAA1198 protein, partial cds /cds=UNKNOWN /gb=AB033024 /gi=6330393 /ug=Hs.175475 /len=6090	AB033024	Hs.175475	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13681	0.005325	mRNA; cDNA DKFZp547M072 (from clone DKFZp547M072) /gb=AL512725 /gi=12224868 /ug=Hs.300870 /len=2791	AL512725	Hs.300870	NP_796375
13699	0.001878	KIAA1593 protein, partial cds /cds=UNKNOWN /gb=AB046813 /gi=10047260 /ug=Hs.11123 (=DKFZP564G092 protein)	AB046813	Hs.11123	NP_056416
13700	0.002096	DJ467N11.1 protein, FLJ13127 fis, clone NT2RP3002911 /cds=UNKNOWN /gb=AK023189 /gi=10435003 /ug=Hs.143917 /len=3073	AK023189	Hs.143917	NP_071374
13713	0.029005	heterogeneous nuclear ribonucleoprotein H2 (H') (HNRPH2), mRNA /cds=(79,1428) /gb=NM_019597 /gi=14141155 /ug=Hs.278857 /len=2220	NM_019597	Hs.278857	NP_062543
13716	0.004358	chromosome 15 open reading frame 12 (C15orf12), nuclear gene encoding mitochondrial protein, mRNA /cds=(48,602) /gb=NM_018285 /gi=8922793 /ug=Hs.6118 /len=1115	NM_018285	Hs.6118	NP_060755
13739	0.043799	hypothetical protein LOC55580 (LOC55580), mRNA /cds=(759,2987) /gb=NM_017571 /gi=8923837 /ug=Hs.254122 /len=3109	NM_017571	Hs.254122	NP_060041
13752	3.04E-04	V-ets erythroblastosis virus E26 oncogene homolog 1 (avian), cDNA FLJ10768 fis, clone NT2RP4000150 /cds=UNKNOWN /gb=AK001630 /gi=7023001 /ug=Hs.18063 /len=2833	AK001630	Hs.18063	NP_005229
13771	0.040751	HERV-H LTR-associating 1 (HHLA1), mRNA /cds=(899,2065) /gb=NM_005712 /gi=5031738 /ug=Hs.285026 /len=2290	NM_005712	Hs.285026	NP_005703
13789	0.043799	cDNA FLJ31372 fis, clone NB9N42000281. /gb=AK055934 /gi=16550786 /ug=Hs.89388 /len=2606	AK055934	Hs.89388	
13790	0.014599	membrane-spanning 4-domains, subfamily A, member 4 (MS4A4A), transcript variant 1, mRNA /cds=(144,806) /gb=NM_024021 /gi=20070327 /ug=Hs.325960 /len=1619	NM_024021	Hs.325960	NP_683876

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13793	0.02801	FLJ12671 Hypothetical protein, mRNA; cDNA DKFZp434M011 (from clone DKFZp434M011) /cds=UNKNOWN /gb=AL096734 /gi=5419867 /ug=Hs.301904 /len=3180	AL096734	Hs.301904	NP_112242
13794	0.03788	myosin VI (MYO6), mRNA /cds=(140,3997) /gb=NM_004999 /gi=4826845 /ug=Hs.118483 /len=5212	NM_004999	Hs.118483	NP_004990
13795	0.030249	hypothetical protein FLJ21302 (FLJ21302), mRNA /cds=(91,1203) /gb=NM_022901 /gi=12597640 /ug=Hs.128071 /len=3160	NM_022901	Hs.128071	NP_075052
13801	0.032636	proteasome (prosome, macropain) subunit, alpha type, 4 (PSMA4), mRNA /cds=(137,922) /gb=NM_002789 /gi=23110940 /ug=Hs.251531 /len=1189	NM_002789	Hs.251531	NP_002780
13803	0.001193	Rho-related BTB domain containing 3 (RHOBTB3), mRNA /cds=(336,2171) /gb=NM_014899 /gi=7662355 /ug=Hs.10432 /len=4099	NM_014899	Hs.10432	NP_055714
13809	0.004825	likely ortholog of mouse limb-bud and heart gene (LBH), mRNA /cds=(213,530) /gb=NM_030915 /gi=13569871 /ug=Hs.57209 /len=2955	NM_030915	Hs.57209	NP_112177
13811	0.008566	hypothetical protein FLJ20360 (FLJ20360), mRNA /cds=(80,2305) /gb=NM_017782 /gi=8923334 /ug=Hs.26434 /len=3041	NM_017782	Hs.26434	NP_060252
13827	0.032636	proteasome (prosome, macropain) 26S subunit, ATPase, 1 (PSMC1), mRNA /cds=(49,1371) /gb=NM_002802 /gi=24430150 /ug=Hs.4745 /len=1586	NM_002802	Hs.4745	NP_002793
13839	0.043799	TEA domain family member 1 (SV40 transcriptional enhancer factor) mRNA; cDNA DKFZp434N1435 (from clone DKFZp434N1435) /cds=UNKNOWN /gb=AL133574 /gi=6599153 /ug=Hs.42458 /len=4459	AL133574	Hs.42458	NP_068780
13840	0.035177	FLJ11292 (FLJ11292) hypothetical protein, mRNA /cds=(150,614) /gb=NM_018382 /gi=8922980 /ug=Hs.272246 /len=1948	NM_018382	Hs.272246	NP_060852

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13859	0.040751	BTB domain protein (BDPL) mRNA, partial cds /cds=UNKNOWN /gb=AF353674 /gi=13785925 /ug=Hs.7367 /len=1887	AF353674	Hs.7367	NP_150374
13875	0.002893	NME7 (NME7), mRNA /cds=(93,1223) /gb=NM_013330 /gi=7242158 /ug=Hs.274479 /len=1475	NM_013330	Hs.274479	NP_037462
13876	0.023945	AGENCOURT_10227215 NIH_MGC_141 cDNA clone IMAGE:6565196 5', mRNA sequence /clone=IMAGE:6565196 /clone_end=5' /gb=BU536672 /gi=22847113 /ug=Hs.380933 /len=1275	BU536672	Hs.380933	
13878	0.030249	EST(yr18g03.r1 cDNA clone 205684 5')	H63006		
13910	0.011238	EST(wm16d01.x1 NCI_CGAP_Ut4 cDNA clone IMAGE:2436097 3')	AI887638		
13923	0.02801	mRNA for KIAA1754 protein, partial cds. /cds=(32,1816) /gb=AB051541 /gi=12698052 /ug=Hs.28501 /len=4088	AB051541	Hs.28501	NP_203755
13933	0.025911	EST(qx14c02.x1 NCI_CGAP_Lym12 clone IMAGE:2001314 3' contains Alu and MER4 repeat)	AI358712		
13935	0.003213	CD68 antigen (CD68), mRNA /cds=(16,1080) /gb=NM_001251 /gi=4557434 /ug=Hs.246381 /len=1722	NM_001251	Hs.246381	NP_001242
13947	0.04244	5'-3' exoribonuclease 2 (XRN2), mRNA /cds=(86,2938) /gb=NM_012255 /gi=18860915 /ug=Hs.268555 /len=3445	NM_012255	Hs.268555	NP_036387
13950	0.002893	hypothetical protein FLJ10330 (FLJ10330), mRNA /cds=(77,1717) /gb=NM_018061 /gi=8922357 /ug=Hs.342307 /len=3239	NM_018061	Hs.342307	NP_060531
13952	0.005325	cDNA FLJ13342 fis, clone OVARC1001950. /gb=AK023404 /gi=10435328 /ug=Hs.255890 /len=2490	AK023404	Hs.255890	
13955	0.035177	cDNA FLJ32123 fis, clone PEBLM1000174. /gb=AK056685 /gi=16552158 /ug=Hs.349397 /len=2326	AK056685	Hs.349397	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
13956	0.010277	zh79h09.s1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:418337 3', mRNA sequence /clone=IMAGE:418337 /clone_end=3' /gb=W92715 /gi=1421867 /ug=Hs.59358 /len=397	W92715	Hs.59358	
13973	0.021	wd40a10.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2330586 3', mRNA sequence /clone=IMAGE:2330586 /clone_end=3' /gb=AI688631 /gi=4899925 /ug=Hs.224625 /len=539	AI688631	Hs.224625	
13982	0.00587	EST(nv54h12.r1 NCI_CGAP_Ew1 cDNA clone IMAGE:1233671)	AA721522		
13983	0.004825	EST(zh93h04.r1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:428887 5')	AA004789		
14011	0.01045	tm42d10.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2160787 3', mRNA sequence /clone=IMAGE:2160787 /clone_end=3' /gb=AI498708 /gi=4390690 /ug=Hs.170849 /len=453	AI498708	Hs.170849	
14020	0.002337	EST (EST385328 MAGE resequences, MAGM cDNA)	AW973230		
14021	4.50E-04	UI-E-EJ0-ahg-j-09-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-ahg-j-09-0-UI 5', mRNA sequence /clone=UI-E-EJ0-ahg-j-09-0-UI /clone_end=5' /gb=BM712784 /gi=19026042 /ug=Hs.278378 /len=1255	BM712784	Hs.278378	
14027	0.012276	601659091R1 NIH_MGC_70 cDNA clone IMAGE:3895678 3', mRNA sequence /clone=IMAGE:3895678 /clone_end=3' /gb=BE965912 /gi=11770773 /ug=Hs.394354 /len=1440	BE965912	Hs.394354	
14032	0.012276	cDNA sequence (cDNA sequence FLJ11736 fis, clone HEMBA1005468)	AK021798		
14061	6.56E-04	cDNA FLJ14201 fis, clone NT2RP3002955. /gb=AK024263 /gi=10436597 /ug=Hs.193063 /len=4077	AK024263	Hs.193063	
14062	0.018784	P1-Cdc21 mRNA /cds=(1,2774) /gb=X74794 /gi=683749 /ug=Hs.154443 /len=3273	X74794	Hs.154443	
14065	0.017288	EST (tg92b12.x1 NCI_CGAP_CLL1 IMAGE:2116223 3')	AI401293		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14066	0.040751	cDNA sequence FLJ13663 fis, clone PLACE1011646, highly similar to H.sapiens clone	AK023725		NP_003817
14069	0.012276	EST np77c06.s1 NCI_CGAP_Pr2 cDNA clone IMAGE:1132330 similar to contains Alu repetitive element;	AA622809		
14080	0.047031	EST(af08g07.s1 Soares_testis_NHT cDNA clone IMAGE:1031100 3')	AA610081		
14087	0.003563	EST ab74g12.s1 Stratagene fetal retina 937202 H.sapiens cDNA clone IMAGE:852742 3'	AA668159		NP_054767
14092	0.005898	hypothetical protein DKFZp434K1421 (DKFZP434K1421), mRNA /cds=(29,1705) /gb=NM_032141 /gi=14149806 /ug=Hs.374609 /len=2547	NM_032141	Hs.374609	NP_115517
14093	0.001501	v-myc myelocytomatosis viral oncogene (avian) (MYC), mRNA /cds=(559,1878) /gb=NM_002467 /gi=12962934 /ug=Hs.79070 /len=2121	NM_002467	Hs.79070	NP_002458
14102	0.001501	ribosomal protein L13a (RPL13A), mRNA /cds=(23,634) /gb=NM_012423 /gi=14591905 /ug=Hs.389335 /len=1142	NM_012423	Hs.389335	NP_036555
14105	0.004367	Kruppel-like factor 12 (KLF12), transcript variant 1, mRNA /cds=(199,1407) /gb=NM_007249 /gi=21071073 /ug=Hs.23510 /len=10891	NM_007249	Hs.23510	NP_057369
14107	0.009388	601660660R1 NIH_MGC_72 cDNA clone IMAGE:3915686 3', mRNA sequence /clone=IMAGE:3915686 /clone_end=3' /gb=BE967103 /gi=11773230 /ug=Hs.394696 /len=842	BE967103	Hs.394696	
14108	0.001501	EST (381219 MAGE resequences MAGK)	AW969142		
14112	0.00587	BX094467 Soares fetal liver spleen 1NFLS cDNA clone IMAGp998J03121, mRNA sequence /clone=IMAGp998J03121_;_IMAGE:124514 /gb=BX094467 /gi=27827126 /ug=Hs.122140 /len=805	BX094467	Hs.122140	
14121	0.032636	spindlin-like protein 2 (SPIN2), mRNA /cds=(494,1192) /gb=NM_019003 /gi=9506850 /ug=Hs.82577 /len=2483	NM_019003	Hs.82577	NP_061876
14127	0.032636	EST (zs23c11.r1 NCI_CGAP_GCB1 cDNA clone IMAGE:686036 5')	AA262101		NP_002712

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14133	0.002893	ox08a07.x1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:1655700 3', mRNA sequence /clone=IMAGE:1655700 /clone_end=3' /gb=AI023766 /gi=3238810 /ug=Hs.434976 /len=432	AI023766	Hs.434976	
14134	0.022106	EST (602302386F1 NIH_MGC_87 cDNA clone IMAGE:4403877 5')	BG034307		NP_001943
14137	0.004367	ribosomal protein S4, X-linked (RPS4X), mRNA /cds=(36,827) /gb=NM_001007 /gi=17981705 /ug=Hs.389933 /len=916	NM_001007	Hs.389933	NP_000998
14144	0.020388	EST (AU143964 HEMBA1 cDNA clone HEMBA1000519 3')	AU143964		NP_057535
14145	0.043799	mitochondrion, complete genome	NC_001807		
14157	0.023945	EST(ye79b12.r1 Soares fetal liver spleen 1NFLS cDNA clone IMAGE:123935 5')	R01617		
14161	0.039408	EST (RC3-HT0600-130400-013-h06 HT0600)	BE178244		
14168	0.040751	7j81h05.x1 Soares_NSF_F8_9W_OT_PA_P_S1 cDNA clone IMAGE:3392889 3', mRNA sequence /clone=IMAGE:3392889 /clone_end=3' /gb=BF055560 /gi=10809456 /ug=Hs.298968 /len=506	BF055560	Hs.298968	
14170	0.00587	EST (nf20b09.s1 NCI_CGAP_Pr1 cDNA clone IMAGE:914297)	AA572847		
14171	0.010277	nz80g08.s1 NCI_CGAP_GCB1 cDNA clone IMAGE:1301822 3', mRNA sequence /clone=IMAGE:1301822 /clone_end=3' /gb=AA767226 /gi=2818241 /ug=Hs.368058 /len=542	AA767226	Hs.368058	
14174	0.001501	mitochondrion, complete genome	NC_001807		
14175	5.58E-05	ribosomal protein, large, P1 (RPLP1), mRNA /cds=(130,474) /gb=NM_001003 /gi=16905511 /ug=Hs.424299 /len=512	NM_001003	Hs.424299	NP_000994
14177	0.014946	hypothetical protein BC008207 (LOC92345), mRNA /cds=(195,1679) /gb=NM_138386 /gi=19923910 /ug=Hs.267130 /len=1919	NM_138386	Hs.267130	NP_612395
14184	0.00168	EST(clone IMAGE:2509657 3')	AI955713		
14186	0.040747	EST (QV2-HT0577-090500-212-f02 HT0577 cDNA)	BE175330		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14187	0.003213	EST(RC5-HT0581-210300-021-B05 HT0581)	BE175638		
14199	0.014599	EST(HS-1029-A1-B05-MF.abi CIT Genomic Sperm Library C genomic clone)	B35426		
14205	0.007107	hypothetical protein DKFZp761B1514 (DKFZp761B1514), mRNA /cds=(73,1029) /gb=NM_032288 /gi=14150032 /ug=Hs.177537 /len=3453	NM_032288	Hs.177537	NP_115664
14209	0.020388	BX109160 Soares_NhHMPu_S1 cDNA clone IMAGp998H024744, mRNA sequence /clone=IMAGp998H024744_;_IMAGE:1933489 /gb=BX109160 /gi=27877586 /ug=Hs.308982 /len=483	BX109160	Hs.308982	
14217	0.04244	similar to CG3714 gene product (PP3856), mRNA /cds=(697,1098) /gb=NM_145201 /gi=24475828 /ug=Hs.333388 /len=1198	NM_145201	Hs.333388	NP_660202
14219	0.014599	cDNA FLJ37978 fis, clone CTONG2010348. /gb=AK095297 /gi=21754529 /ug=Hs.381207 /len=3284	AK095297	Hs.381207	
14225	0.02801	clone 23933 mRNA sequence /gb=U79273 /gi=1710239 /ug=Hs.239483 /len=1440	U79273	Hs.239483	
14229	7.41E-04	EST(cDNA clone IMAGE:4705591 5')	BG574776		NP_060713
14230	0.003213	mRNA; cDNA DKFZp313K1012 (from clone DKFZp313K1012) /gb=AL832666 /gi=21733242 /ug=Hs.99480 /len=3759	AL832666	Hs.99480	
14238	0.047031	UI-H-BI3-akh-b-10-0-UI.s1 NCI_CGAP_Sub5 cDNA clone IMAGE:2734051 3', mRNA sequence /clone=IMAGE:2734051 /clone_end=3' /gb=AW449245 /gi=6990021 /ug=Hs.438347 /len=707	AW449245	Hs.438347	
14243	0.003947	cDNA FLJ36574 fis, clone TRACH2012376. /gb=AK093893 /gi=21752845 /ug=Hs.356595 /len=1952	AK093893	Hs.356595	
14244	0.010277	cDNA FLJ11946 fis, clone HEMBB1000709. /gb=AK022008 /gi=10433321 /ug=Hs.323231 /len=3241	AK022008	Hs.323231	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14245	0.017288	hypothetical protein FLJ32894 (FLJ32894), mRNA /cds=(50,550) /gb=NM_144667 /gi=21389550 /ug=Hs.350668 /len=1710	NM_144667	Hs.350668	NP_653268
14249	0.02801	mitochondrion, complete genome	NC_001807		
14253	0.001062	BX099231 Soares_total_fetus_Nb2HF8_9w cDNA clone IMAGp998J031903, mRNA sequence /clone=IMAGp998J031903_;_IMAGE:773090 /gb=BX099231 /gi=27843988 /ug=Hs.155766 /len=766	BX099231	Hs.155766	
14255	0.02801	EST wt25d05.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2508489 3' similar to contains Alu repetitive element;contains L1.t1 L1 repetitive element ;	AI962961		
14262	0.014599	mRNA for KIAA1965 protein. /cds=(1,1699) /gb=AB075845 /gi=18916817 /ug=Hs.71730 /len=4299	AB075845	Hs.71730	
14263	0.018784	mRNA; cDNA DKFZp451M2119 (from clone DKFZp451M2119) /gb=AL833088 /gi=21733679 /ug=Hs.313295 /len=5234	AL833088	Hs.313295	
14269	0.005325	ESTs, cDNA, 5' end /clone=IMAGE:3928684 /clone_end=5' /gb=BE745453 /gi=10159445 /ug=Hs.133213 /len=1196	BE745453	Hs.133213	
14270	0.023945	clone FLC0593 /cds=UNKNOWN /gb=AF113701 /gi=6855635 /ug=Hs.346911 /len=1562	AF113701	Hs.346911	NP_000974
14272	0.001193	nuclear protein double minute 1 (MDM1), mRNA /cds=(93,2237) /gb=NM_017440 /gi=24586654 /ug=Hs.12871 /len=2942	NM_017440	Hs.12871	NP_064513
14279	0.004825	AL535026 LTI_FL013_FBrn1 cDNA clone CS0DF007YJ21 3 prime, mRNA sequence /clone=CS0DF007YJ21 /clone_end=3' /gb=AL535026 /gi=12798519 /ug=Hs.268474 /len=921	AL535026	Hs.268474	
14282	0.003947	EST(NIH _MGC_77 cDNA clone IMAGE:4694104 5')	BG541966		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14283	0.011238	ESTs, cDNA, 5' end /clone=GLCCSC04 /clone_end=5' /gb=AV720392 /gi=10817544 /ug=Hs.293568 (=ESTs, Weakly similar to AF116721 112 PRO2738)	AV720392	Hs.293568	
14284	7.39E-05	hypothetical protein FLJ23751 (FLJ23751), mRNA /cds=(121,1563) /gb=NM_152282 /gi=22748648 /ug=Hs.37443 /len=2994	NM_152282	Hs.37443	NP_689495
14285	0.035177	clone IMAGE:4817835, mRNA, partial cds /cds=(1,636) /gb=BC040679 /gi=26251822 /ug=Hs.21349 /len=3331	BC040679	Hs.21349	
14286	0.003183	mRNA; cDNA DKFZp434J214 (from clone DKFZp434J214); partial cds /cds=(1,1082) /gb=AL080156 /gi=5262614 /ug=Hs.12813 /len=2749	AL080156	Hs.12813	NP_056323
14288	0.001339	small acidic protein (SMAP), mRNA /cds=(137,688) /gb=NM_014267 /gi=20070245 /ug=Hs.78050 /len=1504	NM_014267	Hs.78050	NP_055082
14298	0.025911	AGENCOURT_8228579 Lupski_dorsal_root_ganglion cDNA clone IMAGE:6181947 5', mRNA sequence /clone=IMAGE:6181947 /clone_end=5' /gb=BQ893981 /gi=22285995 /ug=Hs.71719 /len=969	BQ893981	Hs.71719	
14299	0.003563	cDNA FLJ12106 fis, clone HEMBB1002702. /gb=AK022168 /gi=10433503 /ug=Hs.296699 /len=2268	AK022168	Hs.296699	
14303	0.023945	CDC26 subunit of anaphase promoting complex (CDC26), mRNA /cds=(360,617) /gb=NM_139286 /gi=22027503 /ug=Hs.3991 /len=885	NM_139286	Hs.3991	NP_644815
14304	0.002337	cDNA: FLJ23111 fis, clone LNG07835. /gb=AK026764 /gi=10439690 /ug=Hs.268231 /len=2263	AK026764	Hs.268231	
14305	0.009388	hh32h11.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:2956869 3', mRNA sequence /clone=IMAGE:2956869 /clone_end=3' /gb=AW615336 /gi=7320522 /ug=Hs.281215 /len=391	AW615336	Hs.281215	
14307	0.047031	EST(cDNA clone IMAGE:6104513 5'.)	BQ429184		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14309	0.004367	wk71e10.x1 NCI_CGAP_Pan1 cDNA clone IMAGE:2420874 3', mRNA sequence /clone=IMAGE:2420874 /clone_end=3' /gb=AI815141 /gi=5426356 /ug=Hs.230542 /len=357	AI815141	Hs.230542	
14316	0.03788	AV737736 CB cDNA clone CBLAAD01 5', mRNA sequence /clone=CBLAAD01 /clone_end=5' /gb=AV737736 /gi=10855317 /ug=Hs.258992 /len=326	AV737736	Hs.258992	
14322	0.047031	clone IMAGE:4297077, mRNA /gb=BC017920 /gi=17389820 /ug=Hs.375771 /len=1247	BC017920	Hs.375771	
14335	5.11E-04	EST(clone ADBAOB04 5')	AV705982		NP_006633
14340	0.004825	EST(cDNA clone IMAGE:2112249 3' similar to gb:J03798 AUTOANTIGEN SMALL NUCLEAR RIBONUCLEOPROTEIN SM-D1)	AI425068		NP_008869
14342	0.002602	mRNA; cDNA DKFZp586F1418 (from clone DKFZp586F1418) /gb=AL833819 /gi=21739144 /ug=Hs.296356 /len=4355	AL833819	Hs.296356	
14346	0.043799	cDNA clone CBLAPH08 5'	AV739829		
14348	0.007107	clone IMAGE:4704474, mRNA /gb=BC020895 /gi=21595279 /ug=Hs.269429 /len=1436	BC020895	Hs.269429	
14353	0.007107	cDNA FLJ31303 fis, clone LIVER1000082. /gb=AK055865 /gi=16550700 /ug=Hs.350200 /len=2801	AK055865	Hs.350200	
14358	0.016299	nab71h02.x1 Soares_NSF_F8_9W_OT_PA_P_S1 cDNA clone IMAGE:3273435 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:3273435 /clone_end=3' /gb=BF439932 /gi=11452449 /ug=Hs.331476 /len=347	BF439932	Hs.331476	
14360	0.014946	EST(RC2-BN0074-010400-016-a07 BN0074 cDNA, mRNA sequence)	BE000916		NP_659412
14363	0.009388	ESTs, cDNA, 3' end /clone=IMAGE:2355101 /clone_end=3' /gb=AI719659 /gi=5036915 /ug=Hs.372094 /len=528	AI719659	Hs.372094	
14374	0.035177	RC4-HT0277-160200-013-d07 HT0277 cDNA, mRNA sequence /gb=BE151126 /gi=8613847 /ug=Hs.158600 /len=571	BE151126	Hs.158600	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14375	0.040751	ESTs, cDNA, 3' end /clone=IMAGE:2402646 /clone_end=3' /gb=AI768858 /gi=5235367 /ug=Hs.157149 /len=562	AI768858	Hs.157149	NP_066012
14379	0.009388	Similar to hypothetical protein FLJ20489, clone MGC:50559 IMAGE:5744381, mRNA, complete cds /cds=(290,1078) /gb=BC039535 /gi=24659157 /ug=Hs.440840 /len=2078	BC039535	Hs.440840	NP_776163
14388	0.012276	cDNA FLJ13830 fis, clone THYRO1000637. /gb=AK023892 /gi=10435965 /ug=Hs.287601 /len=1916	AK023892	Hs.287601	
14396	0.026797	cDNA FLJ11437 fis, clone HEMBA1001226 /cds=UNKNOWN /gb=AK021499 /gi=10432694 /ug=Hs.270791	AK021499	Hs.270791	
14412	0.035177	EST(cDNA clone IMAGE:4521448 5')	BG387788		NP_073568
14414	0.035177	AV764634 MDS cDNA clone MDSBZE01 5', mRNA sequence /clone=MDSBZE01 /clone_end=5' /gb=AV764634 /gi=10922482 /ug=Hs.270532 /len=1289	AV764634	Hs.270532	
14415	0.032636	ESTs, cDNA, 5' end /clone=IMAGE:4515481 /clone_end=5' /gb=BG292389 /gi=13051140 /ug=Hs.374490 /len=887	BG292389	Hs.374490	
14417	0.025911	proteasome (prosome, macropain) subunit, alpha type, 4 (PSMA4), mRNA /cds=(137,922) /gb=NM_002789 /gi=23110940 /ug=Hs.251531 /len=1189	NM_002789	Hs.251531	NP_002780
14424	0.035177	EST(MR0-HT0157-040500-012-d07 HT0157 Homo sapiens cDNA, mRNA sequence)	BE143000		
14425	0.020388	wc34a07.x1 NCI_CGAP_Pr28 cDNA clone IMAGE:2317044 3' similar to contains element MSR1 repetitive element ;, mRNA sequence /clone=IMAGE:2317044 /clone_end=3' /gb=AI745524 /gi=5113812 /ug=Hs.205153 /len=398	AI745524	Hs.205153	
14452	0.032636	No significant match	SEQ.ID.No.35		
14461	0.022106	No significant match, ORF-2(111~269)	SEQ.ID.No.84		
14468	0.023945	No significant match (ORF:none)	SEQ.ID.No.21		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14483	0.022106	cDNA FLJ34248 fis, clone FCBBF4000446. /gb=AK091567 /gi=21749972 /ug=Hs.112461 /len=1623	AK091567	Hs.112461	
14497	0.002337	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 (SERPINA1), mRNA /cds=(233,1489) /gb=NM_000295 /gi=21361197 /ug=Hs.297681 /len=1584	NM_000295	Hs.297681	NP_000286
14502	0.025911	No match, ORF+2(59~245)	SEQ.ID.No.101		
14504	0.013394	No significant match (ORF:none)	SEQ.ID.No.22		
14505	0.020388	No significant match (ORF:none)	SEQ.ID.No.66		
14516	0.00587	EST (od85a05.x5 NCI_CGAP_Ov2 IMAGE:1374704)	AI821981		
14518	0.043799	cDNA FLJ36977 fis, clone BRACE2006344. /gb=AK094296 /gi=21753327 /ug=Hs.151143 /len=1678	AK094296	Hs.151143	
14519	0.00587	ATP-binding cassette, sub-family A (ABC1), member 5 (ABCA5), transcript variant 1, mRNA /cds=(1219,6147) /gb=NM_018672 /gi=27262623 /ug=Hs.180513 /len=7044	NM_018672	Hs.180513	NP_758424
14525	0.001501	hypothetical protein MGC13159 (MGC13159), mRNA /cds=(592,1017) /gb=NM_032927 /gi=14249719 /ug=Hs.12845 /len=1759	NM_032927	Hs.12845	NP_116316
14526	0.003563	EST (UI-HF-BL0-adc-e-05-0-UI.s1	AW575379		
14528	0.040751	EST (EST34421 Embryo, 6 week I cDNA 5' end similar to EST containing L1 repeat)	AA330691		
14530	0.026797	EST (Human fetal liver HA0635 cDNA library cDNA)	AI064840		
14541	0.021	EST tz43f04.x1 NCI_CGAP_Brn52 cDNA clone IMAGE:2291359 3' similar to contains Alu repetitive element;contains L1.b1 L1 repetitive	AI863121		
14546	0.032636	EST (601819273F1 NIH_MGC_58 cDNA clone IMAGE:4051098 5')	BF130672		NP_003655
14547	5.11E-04	cDNA FLJ11469 fis, clone HEMBA1001658. /gb=AK021531 /gi=10432731 /ug=Hs.224398 /len=1665	AK021531	Hs.224398	
14548	0.007107	mRNA; cDNA DKFZp566P1124 (from clone DKFZp566P1124) /gb=AL110236 /gi=5817178 /ug=Hs.321022 /len=2267	AL110236	Hs.321022	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14550	0.017288	cDNA FLJ31626 fis, clone NT2RI2003317. /gb=AK056188 /gi=16551523 /ug=Hs.375198 /len=2041	AK056188	Hs.375198	
14551	0.047031	EST (ng23f02.s1 NCI_CGAP_Ov2 cDNA clone IMAGE:930267 similar to contains Alu repetitive element)	AA502813		
14553	0.009388	hypothetical protein H41 (H41), mRNA /cds=(324,1100) /gb=NM_017548 /gi=24475997 /ug=Hs.283690 /len=3346	NM_017548	Hs.283690	NP_060018
14558	0.047031	EST (7f19b11.x1 NCI_CGAP_CLL1 H.sapiens cDNA clone IMAGE:3295101 3')	BE675960		
14559	0.04244	EST hb88d08.x1 NCI_CGAP_Ut2 cDNA clone IMAGE:2890287 3'	AW439829		NP_620128
14560	2.66E-04	TRAM-like protein (KIAA0057), mRNA /cds=(76,1188) /gb=NM_012288 /gi=6912449 /ug=Hs.153954 /len=6974	NM_012288	Hs.153954	NP_036420
14561	0.03788	mRNA; cDNA DKFZp451B1818 (from clone DKFZp451B1818) /gb=AL832623 /gi=21733198 /ug=Hs.77554 /len=6240	AL832623	Hs.77554	
14568	1.15E-04	ribosomal protein, large, P0 (RPLP0), transcript variant 2, mRNA /cds=(111,1064) /gb=NM_053275 /gi=16933545 /ug=Hs.406511 /len=1148	NM_053275	Hs.406511	NP_444505
14571	0.003183	EST(xx31a10.x1 NCI_CGAP_Ut1 clone IMAGE:2839098 3')	AW571469		NP_055260
14573	0.041997	hypothetical protein DKFZp434N1923 (DKFZP434N1923), mRNA /cds=(209,1372) /gb=NM_030974 /gi=13569949 /ug=Hs.295866 /len=1579	NM_030974	Hs.295866	NP_112236
14591	0.030249	EST(wz82e11.x1 NCI_CGAP_Gas4	AW004920		
14593	0.047031	EST (oy90d09.x1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:1673105 3')	AI051247		
14600	0.03788	hypothetical gene supported by AY007122 (LOC92719)	XM_046853		
14604	9.43E-04	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(63,1451) /gb=NM_001402 /gi=25453469 /ug=Hs.422118 /len=1837	NM_001402	Hs.422118	NP_001393

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14612	0.006463	EST (AL536815 LTI_FL013_FBrn1 clone CS0DF020YK05 5')	AL536815		
14618	0.018784	EST (UI-H-BI2-agh-g-08-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2724303 3')	AW291353		NP_061049
14629	0.043799	UI-H-ED1-axs-i-05-0-UI.s1 NCI_CGAP_ED1 cDNA clone IMAGE:5833036 3', mRNA sequence /clone=IMAGE:5833036 /clone_end=3' /gb=BQ014114 /gi=19739015 /ug=Hs.195045 /len=1024	BQ014114	Hs.195045	
14637	0.025911	hypothetical protein PRO1331 (PRO1331), mRNA /cds=(423,617) /gb=NM_030778 /gi=13562115 /ug=Hs.301824 /len=1634	NM_030778	Hs.301824	NP_110405
14638	0.049079	602623674F1 NCI_CGAP_Skn4 cDNA clone IMAGE:4748515 5', mRNA sequence /clone=IMAGE:4748515 /clone_end=5' /gb=BG677029 /gi=13908426 /ug=Hs.123445 /len=882	BG677029	Hs.123445	
14660	6.56E-04	ai18d09.s1 Soares_testis_NHT cDNA clone 1343153 3', mRNA sequence /clone=1343153 /clone_end=3' /gb=AA725750 /gi=2743457 /ug=Hs.120496 /len=425	AA725750	Hs.120496	
14666	0.017288	EST(QV4-DT0021-281299-070-a12 DT0021)	AW936306		
14676	3.04E-04	EST(QV0-CT0225-101299-071-b01 CT0225)	AW377614		NP_842565
14680	0.002602	clone IMAGE:4839532, mRNA /gb=BC026289 /gi=20070813 /ug=Hs.7037 /len=2326	BC026289	Hs.7037	
14688	0.012526	cDNA FLJ34825 fis, clone NT2NE2008785, weakly similar to ANTER-SPECIFIC PROLINE-RICH PROTEIN APG. /gb=AK092144 /gi=21750666 /ug=Hs.376593 /len=2130	AK092144	Hs.376593	
14690	0.001062	cDNA FLJ35033 fis, clone OCBBF2016590, weakly similar to CELL SURFACE ANTIGEN 114/A10 PRECURSOR. /cds=(407,934) /gb=AK092352 /gi=21750925 /ug=Hs.156113 /len=2884	AK092352	Hs.156113	
14693	0.014599	EST(cDNA clone IMAGE:4780184 5')	BG741529		

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14694	0.004367	cDNA FLJ35910 fis, clone TESTI2009987. /gb=AK093229 /gi=21752038 /ug=Hs.348902 /len=2035	AK093229	Hs.348902	
14697	0.011238	EST00015 NCI_CGAP_Lu5 cDNA clone IMAGE:1568018 3', mRNA sequence /clone=IMAGE:1568018 /clone_end=3' /gb=BF707422 /gi=11999083 /ug=Hs.298289 /len=858	BF707422	Hs.298289	
14698	0.011816	EST(MR1-MT0282-191200-005-b11 MT0282 cDNA)	BF904004		
14699	0.025911	cDNA, 5' end /clone=IMAGE:3911301 /clone_end=5' /gb=BE886472 /gi=10340792 /ug=Hs.301486 /len=945	BE886472	Hs.200483	NP_079466
14709	0.008566	Similar to hypothetical protein FLJ20378, clone IMAGE:5547904, mRNA, partial cds /cds=(1,802) /gb=BC035643 /gi=23274249 /ug=Hs.202613 /len=1653	BC035643	Hs.202613	
14714	0.002337	UI-E-CL1-afe-n-12-0-UI.s1 UI-E-CL1 cDNA clone UI-E-CL1-afe-n-12-0-UI 3', mRNA sequence /clone=UI-E-CL1-afe-n-12-0-UI /clone_end=3' /gb=BU729525 /gi=23652495 /ug=Hs.233617 /len=1402	BU729525	Hs.233617	
14715	0.00587	ADP-ribosylation factor-like 6 interacting protein (ARL6IP), mRNA /cds=(70,681) /gb=NM_015161 /gi=24308006 /ug=Hs.75249 /len=2280	NM_015161	Hs.75249	NP_055976
14722	0.023945	cDNA FLJ11439 fis, clone HEMBA1001299. /gb=AK021501 /gi=10432697 /ug=Hs.287416 /len=1500	AK021501	Hs.287416	
14727	0.012276	fh01f01.y1 NIH_MGC_17 cDNA clone IMAGE:2961144 3', mRNA sequence /clone=IMAGE:2961144 /clone_end=3' /gb=AW409578 /gi=6935198 /ug=Hs.279718 /len=529	AW409578	Hs.279718	
14761	0.023945	clone IMAGE:5275203, mRNA /gb=BC041380 /gi=27370609 /ug=Hs.293782 /len=2857	BC041380	Hs.293782	
14771	0.030249	FLJ31352 fis, clone MESAN2000238 /cds=UNKNOWN /gb=AK055914 /gi=16550761 /ug=Hs.8107 /len=2841	AK055914	Hs.8107	NP_061329

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14778	0.001501	RC-BT164-290399-017 BT164 cDNA, mRNA sequence /gb=AI908188 /gi=6498868 /ug=Hs.209245 /len=508	AI908188	Hs.209245	
14779	0.005325	UI-H-BI2-ahk-c-12-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2727166 3', mRNA sequence /clone=IMAGE:2727166 /clone_end=3' /gb=AW294558 /gi=6701194 /ug=Hs.437134 /len=888	AW294558	Hs.437134	
14781	0.022106	UI-1-BC1-ajq-h-10-0-UI.s1 NCI_CGAP_PI2 cDNA clone UI-1-BC1-ajq-h-10-0-UI 3', mRNA sequence /clone=UI-1-BC1-ajq-h-10-0-UI /clone_end=3' /gb=BQ010713 /gi=19735614 /ug=Hs.281575 /len=1108	BQ010713	Hs.281575	
14810	0.013394	cDNA FLJ39046 fis, clone NT2RP7010612. /gb=AK096365 /gi=21755841 /ug=Hs.9856 /len=2161	AK096365	Hs.9856	
14818	0.032636	AGENCOURT_10094876 NIH_MGC_71 cDNA clone IMAGE:6500936 5', mRNA sequence /clone=IMAGE:6500936 /clone_end=5' /gb=BU507049 /gi=22813282 /ug=Hs.395205 /len=964	BU507049	Hs.395205	
14819	0.012526	FLJ14036 fis, clone HEMBA1004709/cds=UNKNOWN /gb=AK024098 /gi=10436394 /ug=Hs.306663/len=2067	AK024098	Hs.306663	
14828	0.032636	ESTs, cDNA, 3' end /clone=IMAGE:2342469 /clone_end=3' /gb=AI871745 /gi=5545717 /ug=Hs.117777 /len=542	AI871745	Hs.117777	
14835	0.032636	BX115107 Soares fetal liver spleen 1NFLS cDNA clone IMAGp998G12373, mRNA sequence /clone=IMAGp998G12373_;_IMAGE:195875 /gb=BX115107 /gi=27839238 /ug=Hs.431087 /len=758	BX115107	Hs.431087	
14844	0.007107	AGENCOURT_10555391 NIH_MGC_127 cDNA clone IMAGE:6716639 5', mRNA sequence /clone=IMAGE:6716639 /clone_end=5' /gb=BU943206 /gi=24132025 /ug=Hs.209356 /len=815	BU943206	Hs.209356	

TABLE 3M

Genes Corresponding To Differentially Expressed Genes in Figure 20 - RA					
Spot	**p-value**	**Description**	**Gene Accession No.**	**Unigene Accession No.**	**Protein Accession No.**
14851	0.02801	UI-H-BW1-amm-h-09-0-UI.s1 NCI_CGAP_Sub7 cDNA clone IMAGE:3070696 3', mRNA sequence /clone=IMAGE:3070696 /clone_end=3' /gb=BF512783 /gi=11597962 /ug=Hs.443691 /len=568	BF512783	Hs.443691	
14884	0.043799	602043661F1 NCI_CGAP_Brn67 cDNA clone IMAGE:4181462 5', mRNA sequence /clone=IMAGE:4181462 /clone_end=5' /gb=BF528488 /gi=11615851 /ug=Hs.433462 /len=885	BF528488	Hs.433462	
14917	0.005843	No significant match, ORF+2(653~838),+3(618~782)	SEQ.ID.No.6		
14922	0.020388	No significant match (ORF:+1:1~225[225])	SEQ.ID.No.24		
14924	0.017288	No significant match, ORF-3(1~195)	SEQ.ID.No.57		
14937	0.035177	control			
14970	0.01045	BDG-29 proten (BDG-29), mRNA /cds=(36,2885) /gb=NM_015144 /gi=21735418 /ug=Hs.81505 /len=6245	NM_015144	Hs.81505	NP_055959